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Map of Canada, Alaska, and Greenland

Washington: Home of the Nation's Great

With 18 Illuminations
18 Natural Color Photographs

ALBERT W. ATWOOD B. ANTHONY STEWART

Washington National Monument Society

With & Disserations.

CHARLES WARREN

On the Ridgepole of the Rockies

With 11 Tilustrations 17 Natural Color Photographs

WALTER MEAYERS EDWARDS

Deep in the Heart of "Swissconsin"

With 7 Illustrations and Map 12 Natural Color Photographs

WILLIAM H. NICHOLAS

Endeavour Sails the Inside Passage

With 21 Blustrations and Map

AMOS BURG

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With 7 Distractions and Map.

LT. OKN. JOHN R. HODGE

The Society's New Map

WELLMAN CHAMBERLIS

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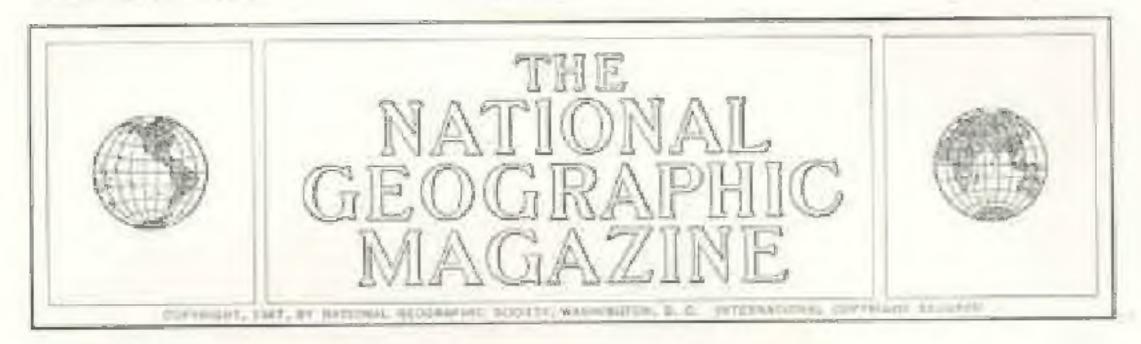
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Washington: Home of the Nation's Great

By Albert W. Atwood

Washington, the Nation's Capital, is, in a very real sense, the second home of every American citizen.

It belongs to each State and to no State.
It is neither north nor south; it is the proud
possession of each and every one of us.

Back in 1814 when the Capital was only a straggly, unkempt village, un early resident, Mrs. Margaret Bayard Smith, wrote that it "possesses a peculiar laterest, and to an active, reflective, and ambitious mind, has more attractions than any other place in America."

Washington has grown since then in civic beauty and monumental splendor far beyond even the noble dreams of its founders, George Washington and Thomas Jefferson,

It is the nerve center of a vast and intricate government machine, pulsating with all the problems of a mighty nation.

Symbols of American Democracy

Yet the feeling of common possession which the average citizen has in the Capital is something more personal and human than government bureaus and their marble palaces.

Naturally, Washington is the city which memorializes the great men of our history and in such physical form that all may see.

But Washington is the second home of every American citizen (or a more intimate reason than this. It is not an old settlement as Atlantic seaboard cities go. Yet there is some structure at almost every turn in which this or that famous man lived or worked or visited at the very moment in which he was making history.

The oldest public building in Washington is, of course, the White Flouse, and it has been the home of every President except George Washington. Thirty-one of them have lived there.

The Capitol as well as the White House symbolizes to a supreme degree our American idea of democracy. But of the two, the White House has by far the more personal appeal, because it is the actual home of the First Citizen of the land.

While the President is the First Citizen, be is the people's man, and in the White House the people are vicariously enthroned.

They like it for its charm and simple dignity; they feel far more at home here than they would in the formal magnificence of European and Latin-American palaces.

Newspapers long ago gave the White House the compliment of a living entity, using such terms as "The White House says," or "The White House believes."

The building interests visitors, however, not so much as a symbol of authority, but in its domestic character, as representing the personality of the President.

It is the daily life of the chosen one of the Nation, despite his eminence, that draws people to it as to a lodestone.

Any building which has housed Jefferson, Jackson, Lincoln, Grant, Cleveland, Theodore Rensevelt, Wilson, and F. D. Roosevelt, to mention only a few, has a romantic appeal for Americans that cannot be equaled.

White House Rooms "Lovely but Haunted"

It is a question for biographers and historians whether there has been much happiness in the White House, and whether the second part of the famous prayer of John Adams, its first occupant, namely, that "none but bonest and wise men over rule under this toof," has been answered.

Certainly the average citizen who walks through its rooms has at one and the same time the sense of being in the presence of the



Half Photographer B. Author Plewart

From Decatar House's Classic Entrance Hall a Graceful Staircase Winds to the Salon

On Lalayette Square Commodore Stephen Decatur, here of the campaign against the Tripulitan pirates, built a mansion for his bride in 1819. Scurcely a year later he died in a duel. Subsequently many national figures occupied his home. Once a tavern keeper penned slaves here. "At might you could hear their howle," and a contemporary. Now thousands each day pass the old slave quarters in the rear (page 711).

immortals and a feeling that those who lived here were normal human belogs.

A Government employee who worked for many years in the White House once wrote his aged mother, who had not seen the building, that its rooms are "lovely but haunted."

Theodore Roosevelt, when President, wrote a friend that he never walked through the corridors or up the stairs without thinking of old Lincoln, with his shambling figure, coming down the steps in the early morning, in his cloth slippers, on his way to the War Department to read the night's dispatches. . . .

"I see him in the different rooms and in the halls. For some reason or other he is to me infinitely the most real of the dead Presidents."

Even Mrs. Lincoln, according to tradition, told Mrs. Grant: "You better take it if you can get it; it's a pretty good place."

In the southeast room on the second floor the Emancipation Proclamation was signed, and the bed in which Lincoln slept is still there, together with a few other articles of furniture used by him. Since the White House is, in a sense, a public institution, it has not aften been completely closed to the general public, except for necessary repairs and during modern wartime energencies. It was entirely closed from late 1941 to November 14, 1946, when the historic East Room and a portion of the lower thor were reopened.

"Rubble Mob" Thronged White House

According to present-day standards, access to the White House and to the person of the President was frightfully abused until very recent times. The general public attended receptions in early days, partaking of alcoholic and other refreshments.

At Andrew Lackson's inauguration the whole building was so inundated by a "rabble mob" of boys, girls, men, and women that they had to be let out through the windows (page 716).

At a later reception George Bancroft described those who attended as "the vilest

* From Theodore Recoevelt and His Time, by Joseph Bucklin Bishop. Published in 1920 by Charles Scribner's Sons, New York, N. Y.



tint Plategrapher Below F. States

Classic Domes Crown the Federal Capitols of Art (Right) and Government

Into the National Gallery of Art went 800 carboads of rose-white murble; rain brings out its strawberry glow. Not a window pierces the gallery spaces. Sunbeams full through the skylight roof. In gloomy weather floodlights gleam in the attic. Both kinds of lighting are diffused by case-hardened glass. If it breaks, it crumbles into octagonal fragments harmless to printings. Humidity is kept constant to protect canvases from injurious expansion and shrinkage. In the distance, Freedom's 19-foot figure surmounts the Capitol (Plate I)

promiscrous medley . . . starvelings and fellows with dirty faces and dirty manners; all the refuse that Washington could turn forth." Men did not even remove their hats.

Even the barassed Lincoln received all and sundry callers several times a week. Not until Theodore Roosevelt's time was the admittance of visitors put on an orderly basis.

More recently, with the growth of population and the heavier burden of the position, it has become necessary to protect the President far more rigidly than formerly, not only from bodily harm but from the wastage of his time and vitality in greeting thousands of schoolgirls and other curlosity seekers.

White House Moving Days Frequent

Despite its charm and beauty, the White House has always constituted a first-class housing problem. The 31 Presidents have lived there on the average of only 4.71 years each. Thus the coming and going of furnishings, equipment, and personal belongings has been enormous.

When Garfield died and Arthur came in. 24 wagonloads of accumulations found in cellar

and attic had to be cleared out,

In his Forty-two Years in the White House, the late the Hoover, for many years chief usber, said that when it comes to housekeeping bardly any two things are done alike from one administration to another. It is very seldom that one administration uses all of the rooms for the same purpose as its predecessor.

Until almost the time of this writing, there has never been any adequate descriptive catalogue of the physical objects in the building. This has made it very difficult for White House officials to furnish accurate information in reply to thousands of requests concerning silver, china, furniture, paintings, and the like.

It must be borne in mind that not only does the Government buy furnishings and equipment for the building but that each Prosident and his wife make many purchases and also receive gifts from all over the country.

Until quite recent times, plumbing, sanitation, cleanliness, and the general condition of building and grounds left much to be desired. At the time of Lincoln's first inauguration a Congressman said that that part of the White House devoted to the Executive looked "bare, worn, and soiled," like the "breaking up of a hard winter about a deserted farmstead."

It is said that more than once Theodore Roosevelt and his sons jumped up from the dinner table to chase rats out of the room.

In Cleveland's day messages to Congress were carried in what was known as the office

buggy. A messenger went upstairs one day to the office occupied by the clerks and a telegrapher, announcing that the office buggy was down below,

"And the buggy office is up here," replied

the quick-witted telegrapher.

Today the housing problem is a very different one. Until Theodore Roosevelt's time it was possible to handle the office work of the Presidency in rooms on the ground and bedroom floors of the White House Itself. In 1902 the Executive Offices were built at its

western end.

Today the problem is how to move a substantial portion of the workers in the Executive Offices to other quarters. The mounting numbers of Presidential advisers, secretaries, clerks, stenegraphers, aides, police, Secret Service operatives, and the like cannot be housed even in the extensions of the White House without eventually encroaching upon and overwhelming the residential character of the historic structure.

Although visitors are rarely admitted to the southern and larger portion of the White House grounds, a beautiful view of the lowns and trees may be had from the surrounding

structs.

Trees Planted by Presidents

It was apparently Thomas Jefferson's idea to have the grounds planted extensively with native trees, shrubs, and flowers, and he made out a list in which they were arranged according to form, color, and season. The current list shows all of the many memorial trees planted by furmer Presidents and their wives.

The oldest living tree, an elm planted by John Quincy Adams, is on the south portion of the grounds, east center, on top of a small knoll. "We led it twice this year," the gar-

dener told me.

One of the oldest and most beautiful of the trees is a huge magnolia, just off the south porch, which I happened to see at the height of its June bloom. It was planted by Andrew Jackson.

It is a curious fact that the more valuable silverware used in the White Flouse is marked by the building's original and historic name, "President's House." I have seen this mark on the smallest allverware in use, tiny salt spoons, demitasse spoons, and butter knives, as well as on the larger pieces (page 711).

If the words "White House" were put on the silver, it might be like that of numerous hotels or restaurants; presumably, fewer such places are named "President's House."

It is interesting to note that the plated silver

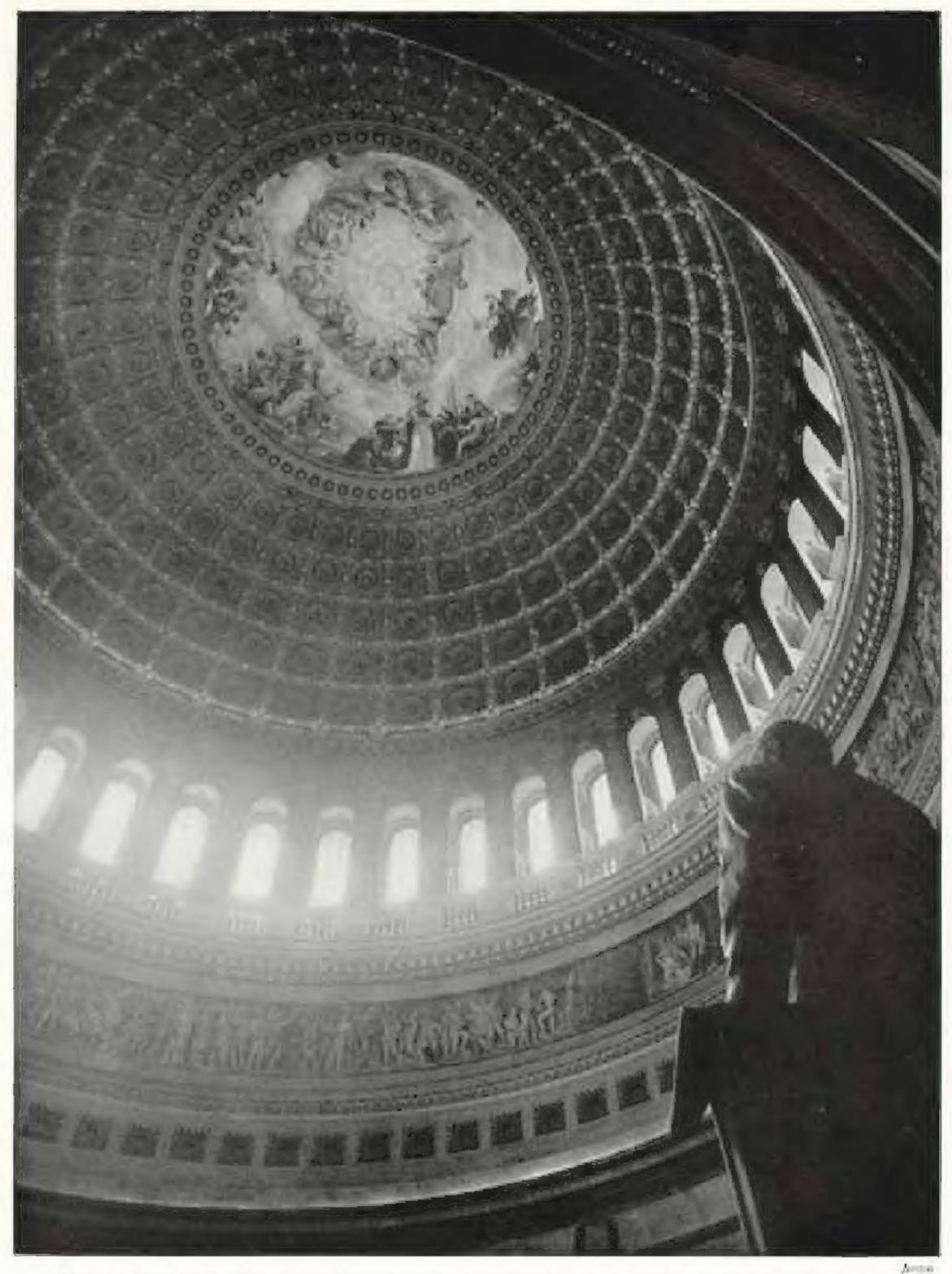
is marked "White House,"



Bigst Presentables St. Aphnon Street

Seated in His Memorial, Abraham Lincoln Gets White Marble Shoes Shined

Twenty-eight blocks of stone composing the 19-foot figure are joined so truly that all seem as one. Stone-cutters required four years to finish the job. Night lamps endow Lincoln's face with impressive lights and shadows. Yearly some 1,200,000 people visit him. Many mistakenly think he is baried in his Memorial (page 750).



Freedom's Light, Bursting Through Tall Arched Windows, Floods the Capitol Dome

Some 180 feet above the floor of the Rotanda hangs the Apatheonia of Washington, a fresco of 4,664 square feet by Brumidi (Plates VIII and XII). He also designed the circular frieze but did not live to complete it. Two shells, expanding and contracting with temperature changes, compose the dome. A stairway winds between them.



\$142 Photographer H. Anthony Stewart.

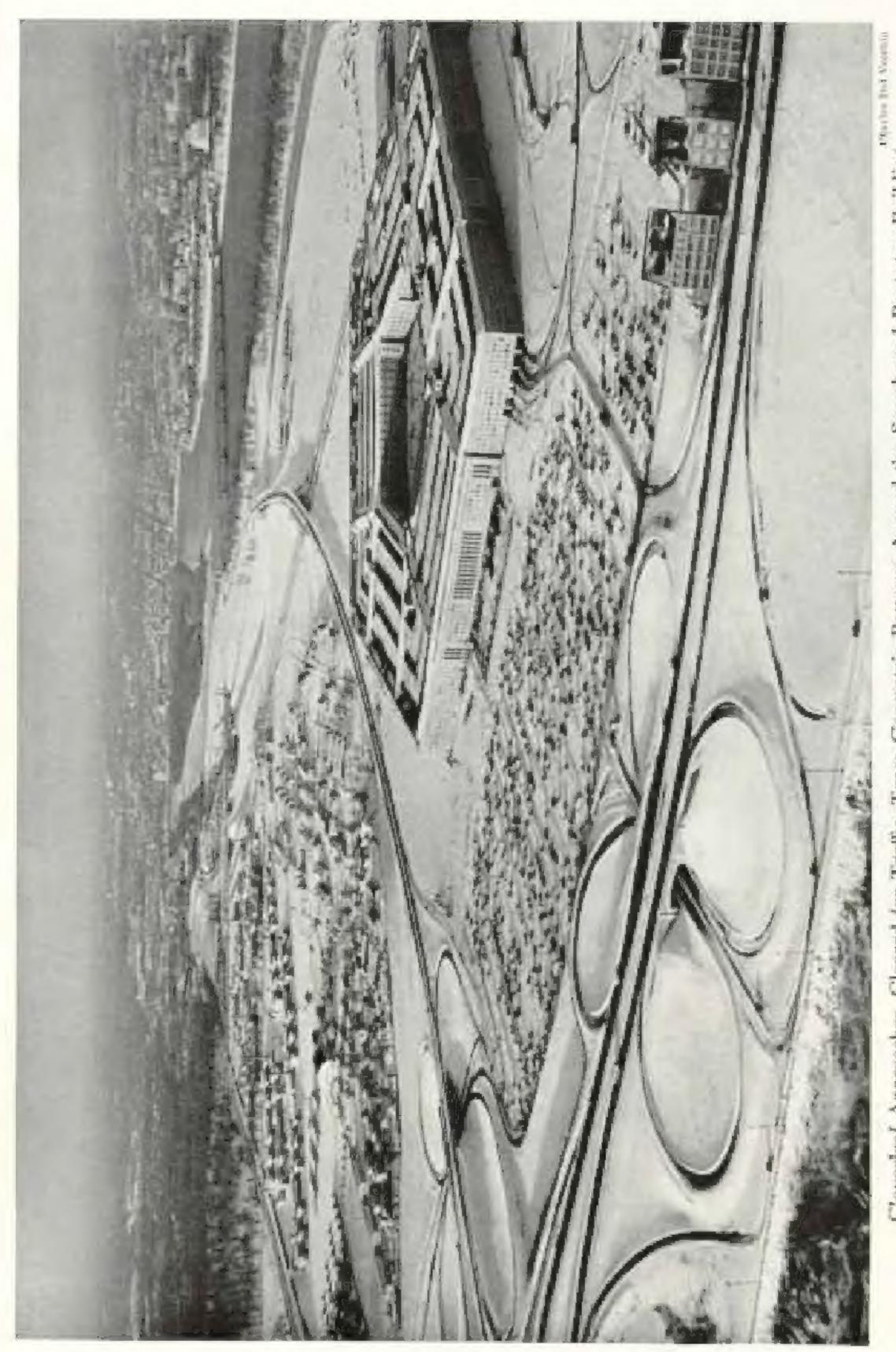
Five Presidents of the Cosmos Club, Birthplace of the National Geographic Society in 1888, Meet in the Main Lounge

Left to right, they are Dr. Gilbert Grosvenor. Editor of the National Grockburt Magazine; Dr. Alexander Wesmore, Secretary of the Smithsonian Institution and Vice-chairman of the Society's Research Committee (Plate V); Dr. Waldo G. Leland, bistorian and present Club president, Albert W. Atwood, author of the accompanying article; and Dr. Henry Grattan Doyle, Dean of Columbian College, George Washington University. Cosmos Club, for men of science, literature, and the arts, honors Dolly Madison with a lifesize portrait because she once made her home in one of its buildings (page 714). One of the National Geographic Society's founders, the late Maj. John Wesley Powell, is pictured left of the mantel. A geologist, he was famed for his boat trip through the Grand Canyon.

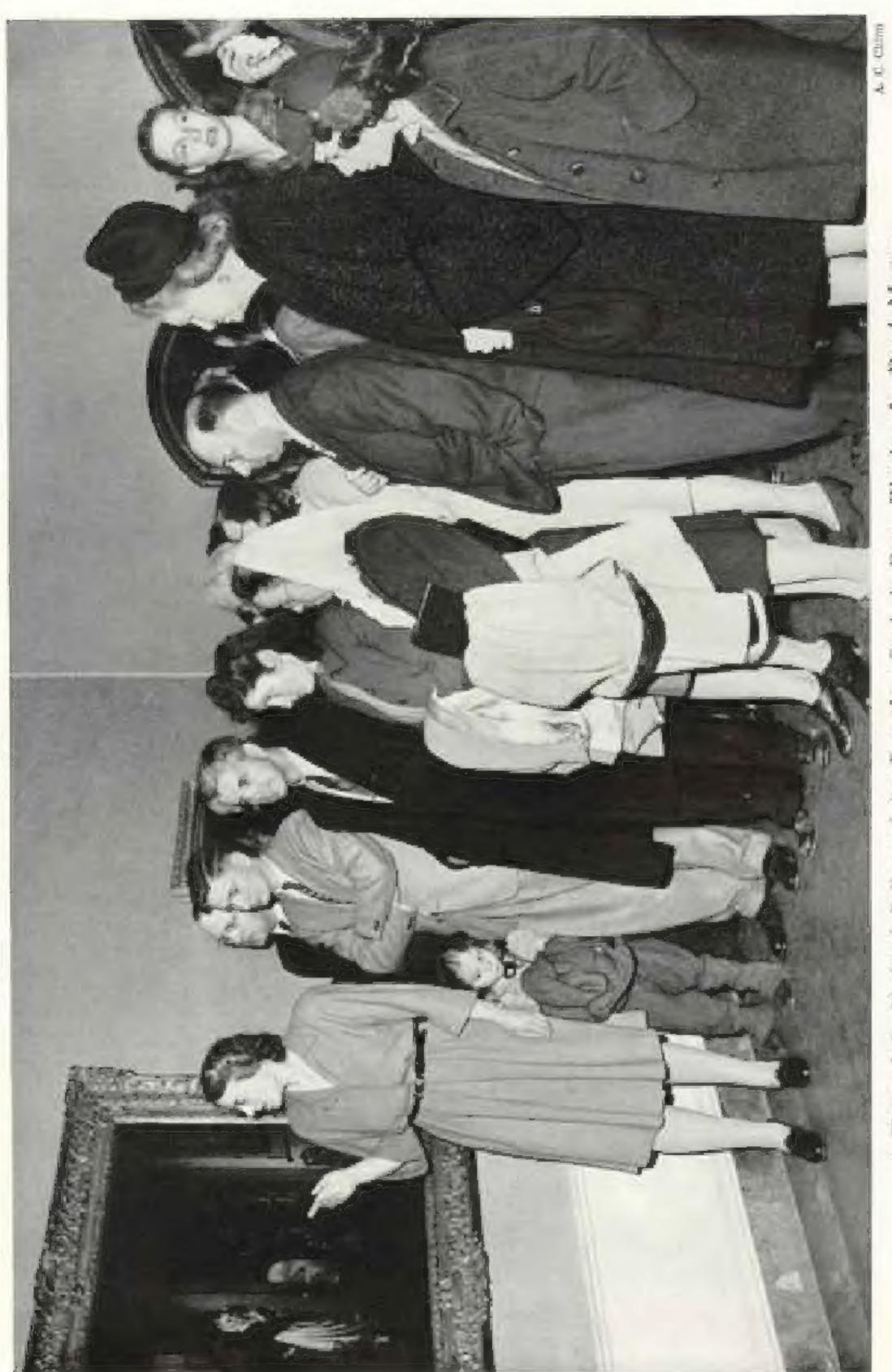
The first Commissioners of the District of Columbia officially termed the new building the President's House, although they occasionally followed the custom of the French engineer officer, Major L Enfant, who drew the detailed plans for the new city and proposed a "President's palace" which would add to "the sumptuousness of a palace the con-

venience of a house and the agreeableness of a country seat."

Coming up from Mount Vernon, Washington no doubt projected the building as a dignified "President's House." Mouroe, coming in in 1817 after the house had been rebuilt called it the "Executive Mansion," possibly because in those early days a surplus of house



eld more than 30,000 workers during wartime. Five outer walls cover nearly a mile Corridors stratch, Arhington Memorial Bridge leads to Lincoln Memorial Bridge leads to Lincoln Memorial Schnick February 10, 1947. Cloverleaf Approaches, Gleared for Traffic, Trace Geometric Patterns Around the Snowbound Pontagon Building Home at the War Department, the amazing Peningon held 1655 miles. Parking areas can accommodate 6,460 cars. Ari



A Tour of the National Gallery of Art Reveals a Study in Paces Worthy of a Dutch Master

Netherlands foun work by Nicolaes Mass, papil of Reinbrandt. Unabashed vieltors inquently sik, possibled by distortions in some modern art, but children some to graup the idea instinctively. Owners Lardwine generally have to tell them, "No." "It the frame an original Chidys Hamfin, the lecturer, points to The Eurenderphe "Why is a Rembrardt considered in of old picture frames invariably ask,



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the and by the first order of the bodied use the active Mansion of the active Mansion of the active Mansion of the active official paper han "White House," where it is the term we for hardway pares we that is, to secure appropriations from Congress.

"White House" Becomes Traditional Name

On the other band. Theodore Roosevelt had the words "The White House" stamped in documents and stationery, and the station 'y used there today simply reads "The White House, was arguen." In addition, various irrelential proclamations have used the term "White House.

We know for whom we work, but we don't know where we work," said an employee of the building who had just Lelped show me silverware address "Pro it in His

A common and present the court of the fitten in books and mag some are as, is that the building became known to the White House after it was pain or to courtal surely state.

There is some evidence that the term "Whate House" began a come into use even before the building was painted. Such a reference sindicated in one or two early letters.

its struct samples of the origin to a retained of the origin to a retain the holding we have been natural to use such a term. In which we are natural to use such a term. In which we are the predominant ted-brick or untainted frame houses of that time would be made the literalist House look white the contrast.

Temporary White Houses

More than one does not in Washington has been transformed into a temporary White House while repairs were being made at the bounder Manisian or while it was being got ready for a new occupant.

President Mactison and his wife Dolly occued three Legical agent's lance of a fire Everative Mansten was being run ideled. Two are still standing; the third was on the site of aloga z a coñe e build-1 1 II saf F Street, N.W., a busy thoroughfare in the heart of the she poing district,

Ible bot are owned by Rich . I Cutis, a brother-in low of Mrs. Madison, and on unkind thymester had this to say of Dolly Madison's famous dight by roach from the White Houses

Market and Cally A , a (1) lile less Wall I I the coach to you must ride On hopefack ofter we.

The troopers who guarant the Madisons here at night had no tents and slept on their lineses' straw in the prid He of what is now 1-1-1-1

Another Madison White House, serving for a year and a half, was the solid brack Indiding at the northwest correr of Penn sylvania Avenue and 19th Street, N.W., now used as a charm drugre. Al various limés Two the Sth IN will be in limit -la Legan Land In De For it is for the about lines Gerry and Martin Jan Buren.

A third Madison White House was the Octagon, at New York Avenue and 18th Street, row the national headquarters of the American Institute of Architects and open to the public. Built in 1709-1800 by Dr. William Thornton. thest architect of the Caputal, for city entertaming by one of the country's theest men, it is one of the most exquisitely designed buildings in the United States, and so unusual that it is possibly without a duplicate

The owner, Col. John Taylor, of Mount Arry, Virginia, with an income of nearly \$50,000 a year even at age 20 and housting 500 slaves, was distinguished for the unravuled. splender of his household and equipues. He



San Planta and St. P. Alter St. Present.

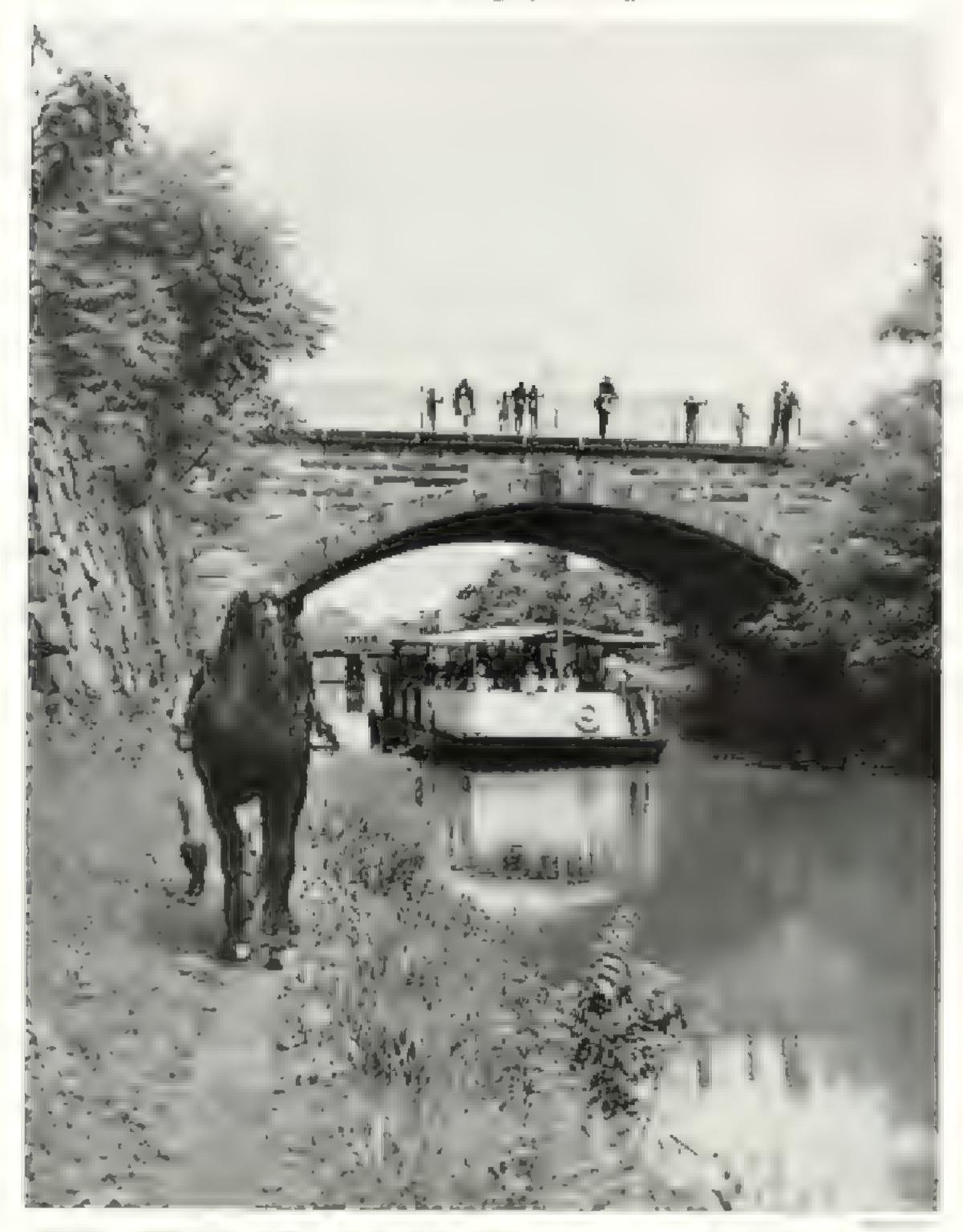
A Place Setting in the White House Dining Russe.

from the helicone, and so we are become to State of the first terms to be a first the first transfer to the state of the state real report Its, after the rest in a second And a manager of our broad I Become to be a for of the glasses; the second one is bram - --

> wanted to louist a fown heree in Ph ladelphia. but Groups Wishington persuaded bun to with it, in new capital.

> De to to contract and windows made on the circle to fit the communication of vestibule and tower. Beautiful manters in the clusing from and drawing room were made in London in 1799 by Coude

> The everytive secretary of the Institute uses Frest lent Madwords office on the second floor, and in the middle of the room is the table at which Madison ratified the Treaty of Ghent. The table still has a simple, but effective, circular filing system, no doubt used by Madison.



Pholding Not a Town a frequence Burg. Phys. Wilderness Scores in tild Georgetown, D. C.

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Drigin of Lufayette Square

Recombine to the White Hours, we face an array Square, around which have lived as a real political, interlectual, and spirit becomes the Nation's Capital

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Originally it was present to be not of the White House er anders, an open space of commons, which extended southward from Historiet to the Monument Grounds, with nestreet cutting through as Pennsylvania Avenue now thes.

No one can cross Inforette Square without give up at the equettion of the Andrew

Jackson, which was made from signor-

The first work of any magnitude of the magnitude of the anumbry, at a time when because the country, at a time when because the first equestrian status in W. slappen and the second in the boated mate. The first to a blad lead to see that at the time to the way it New York City. It was torn it a line way it New York City. It was torn it a major of the first to be melted up into routh.

Athershings Indilings are gradually displayed to be Square's historic structures, a number of the Square's historic structures, a number of the literature House, are of a carlot taxase to idences built up on the square. The factorial of the area of the square of the s

Decatur's Furnius Toast

It was designed by Benjamin H. Lutrobe, or ad architect of the Capitol, for the 'allie to get the Capitol, for the 'allie of the graph of the star who expenses the bank of parameters was seen bely but it November 11 was also build and during act of the age." It was also build and during act of the age." It was also build and who gave the transfer

the country in his interpourse with

foreign untions may she always be in the right; but our country, right or wrong!"

He built the bruse from prize money which he had won, and lived there with his bride, in almost regal splendor, for a year. Then was killed in Bladensburg, Maryland, in the second most famous duel in the country's history, by a fellow officer, Commodore James Barron, who thought that Decatur had persecuted him.

Three foreign ministers and three Secretaries of State, including Heary Clay and Martin Van Buren, lived in the house. For a time it belonged to the Alexandria innkeaper, John Gadsby, and the tradition is that he ran a slave market there.

The actual stave quarters still exist, in the larg yellow-walled extension to the tear, one side of which abuts on the II Street sidewalk.

After the Civil War the house was bought by Gen. Edward F. Beale, sailor, soldier, Indian Eghter, train blazer, and 'ploneer juthe path of empire," under whose gran flather Decatur had once served.

The bruse today is craimmed full of priceless memorabilia and objects of historic interest. By applying in writing to the owner, Mrs. Truston Beale, those who are really interested in Commodore Decator or in early American architecture may gain admittance.

Cosmon Club Birthplace of National Geographic Society

Directly across the square is the Cosmos Club, that unique organization of men "who have if me meritorious original work in science, I terature, or the fine arts; or who are recognized as distinguished in a learned profession or in public service" (page 705). It was here that the National Geographic Society was born in 1888.

The more northerly of the group of baildings constituting the Cosmos Club had two famous occupants: Dody Madison, after the death of her husband, and later Adm. Charles Wilkes, Antarotic explores

Dody Madison, largely because of her tart, memory for people, and perential and in-berent friendliness, held reign over official society both in height and in popular acclaim without parallel in American history. Even in her poverty and old age efficials called on her on New Year's Day improbately after calling on the President

As hostess to the widower Jefferson when her husband was Secretary of State, and later as wife of the Fresident, she are sed in purple and plumed magnificence. One lady said of her, "She really in manners and appearance answers all my ideas of coyalty."

it was a common saying that "she entered Washington society on the arm of Jefterson (1801) and left it on the arm of Polk (1849)."

The Cosmos Club also secupies the Taylor House, built in 1828 by a son of the first sweet of the Octagon. Here such men as Chief Justice Marshall, Washington Irving, Webster, Clay, and Calboan were entertained

Mark Hanna's "Little White House"

Later, when the national political boss Mark Hanna lived there, it was known as the "Little White House." This writer has many tones shown visitors to the Club the safe where Hanna reputedly kept his valuables.

Beyond the garden adjoining the Taylor House is the Helasco Theater, the official muor of which is the Lafavette Square Opera House. On its site stood the house in which becretary beward was stabled the night Lincoln was assassinated and in which James G. Blaine later died.

Adjoining the theater is an annex to the Treasury, whose front entrance is close to the spot where, on February 27, 1859, one of America's most spectacular murders took place

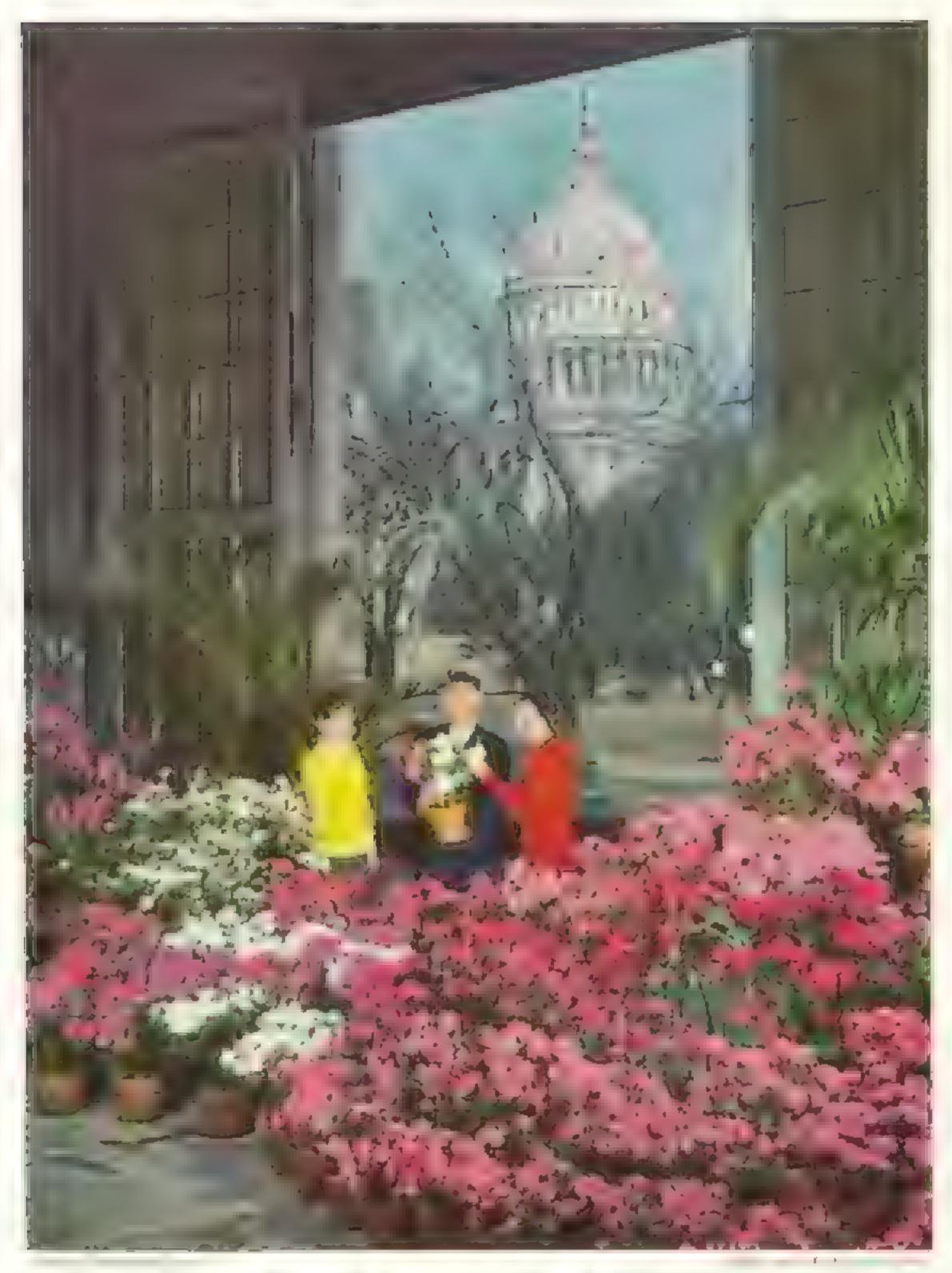
Daniel E, Sickles, ambitious and dashing Congressman from New York, crossed Lafayette Square, with a revolver in each overcoat pocket, when he learned that his pretty young wife had become too intimate with Thilip Barton Key, son of the author of 'The Star-Spangled Banner.' Sickles emptied all bartels into Key, who had a sky an opera glass with which to defeat himself

Sickles' lawyers not only appealed to the "unwritten law," one such speech being \$2,000 words in length, but were among the first ever to plead temporary instably. Acquitted, Sickles lived to be nearly 90 years of I, was a major general in the Battle of Gettysburg, and later had a diplomatic career

On the north side of the Square, between the modern Veterans' Administration Hudding and old St. John's Church, is the so-called Ashburton House, a huge brown anary, one of the few remaining historic mansions of downtages Washington

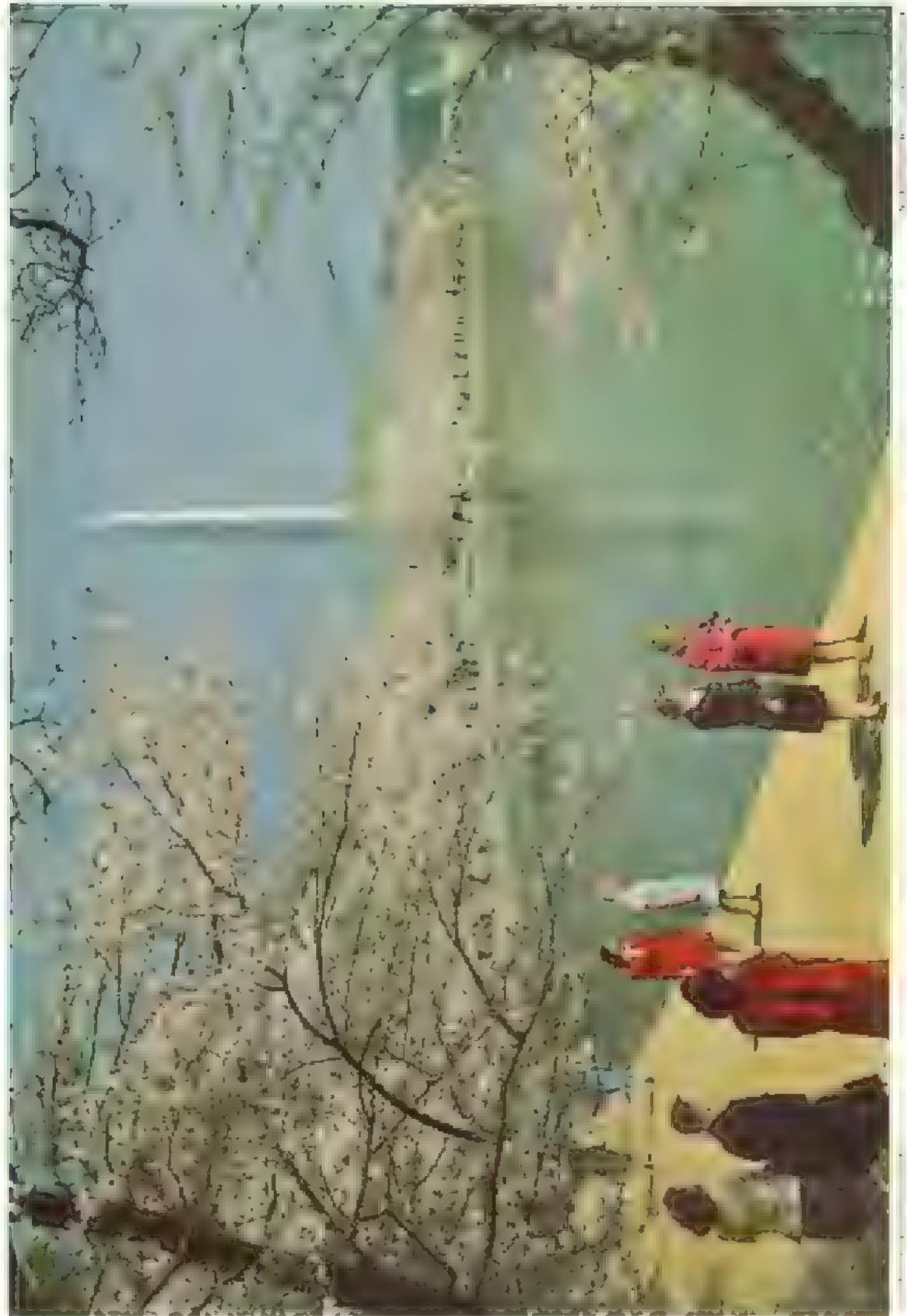
It was built originally by the their Clerk of the House of Representatives. Daniel Welster arranged that it be rented to Lord Ashburton, British Minister, and it was here that Webster and Ashburton carried on negotiations which established the northeastern borner between Maine and Canada and also settled other problems.

It was putthesed later by a Pennsylvania family, and a daughter born in the house lived there until her death in October, 1946, at the

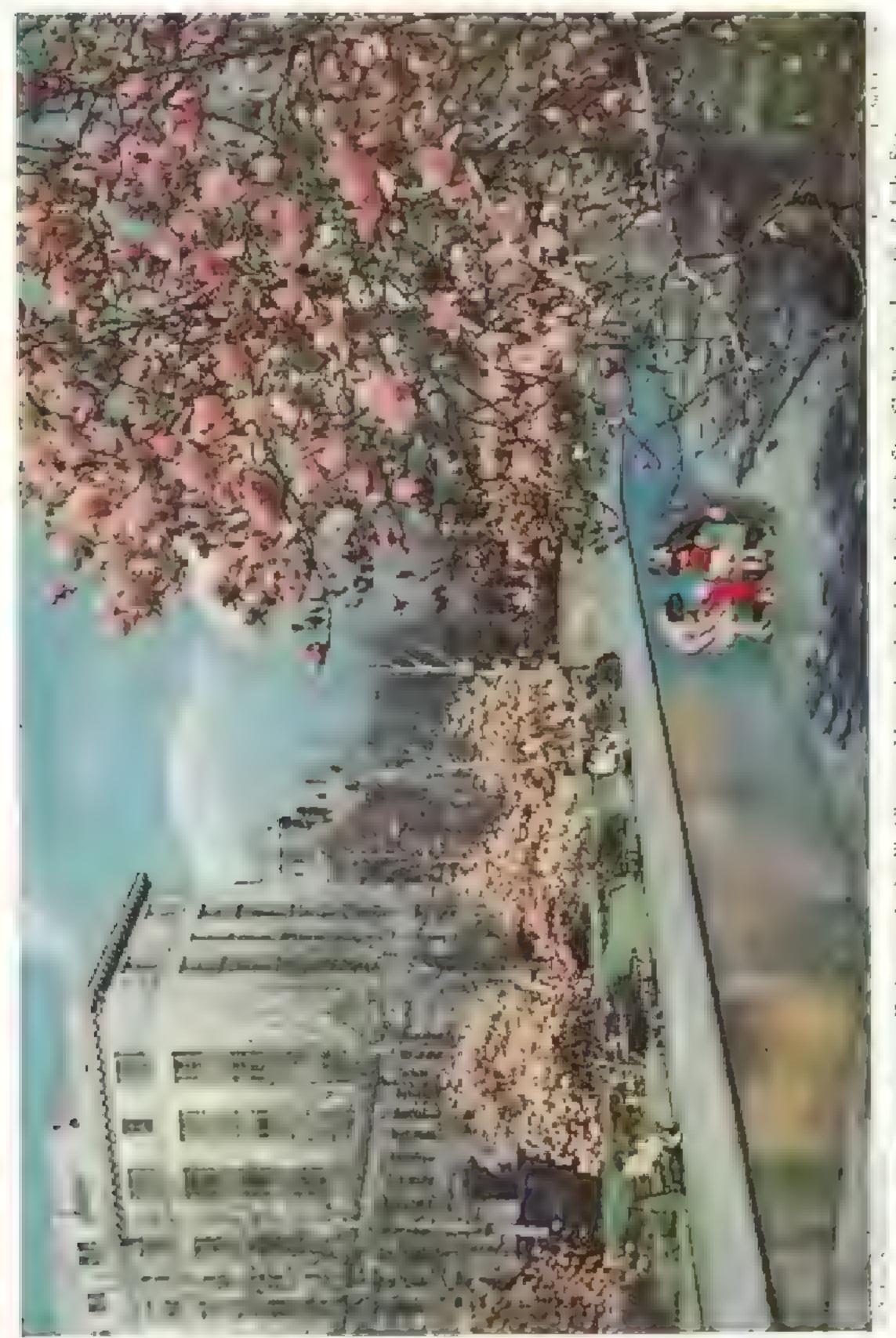


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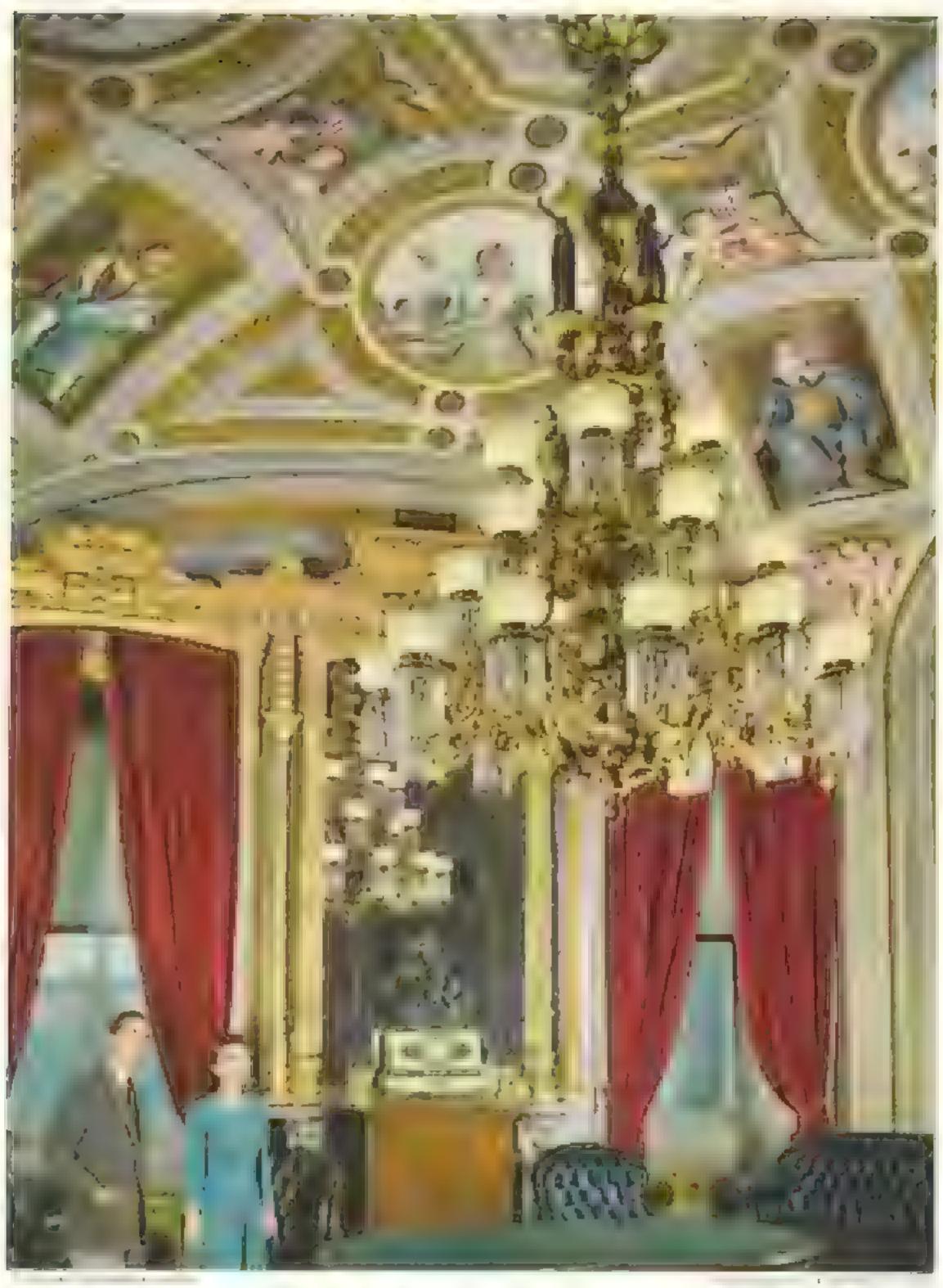
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Whenever a President Visits the Capital, the Sumptonias President's Resent's Historia is the control of the Capital of the Sumptonias President's Resent's Resent to the control of the capital of the ca

age of nearly 89. I called upon this lady, Mrs. Margoret Coleman Freezast Backing-ham, in the same room in which she was born, only a few months before her death.

begs as he strade across the Square, "she tald me, and raded that she also recalled the attack upon Mr. Seward, a few hundred yards away, on the night of April 14, 1805 (page 714).

The first building to be erected on what is now the Square, following the building of the White House, was St. John's Church, probably the quaintest of the Capital's old churches. A committee nailed on President Madison and offered him what is now pew 54. Nearly every President has been to some service at St. John's since its erection in 1815-10.

In fact, there have not been many great Americans who have not at one time or another worshiped there or attended observies of leaders gaite as celebrated as themselves. By personal association the little church has been related to affairs of state as probably

no other church is or could be.

President Franklin Roosevelt went to St. John's an hour before his first luanguration in 1933. He followed the tradition of George Washington, who, after his luanguration in 1789, went to a prayer service at St. Paul's Chapel, New York City. President Roosevelt went to St. John's nearly every year on the anniversary of his first inauguration.

Presidents besides Madison who worshiped there with some regularity were Montroe, John Quincy Adams, Jackson, Van Buren, William Benry Harrison, Tyler, Taylor, Filimore,

Buchanan, and Arthur.

Pew 54 is reserved for each President; It he does not desire to attend, it is rented out. Presidents are not expected to pay for the pew, but several have done so.

Guesthouse for Visiting Notables

On Pennsylvania Avenue, a few feet from Lafayette Square, is the Blair House, guest-house of the Nation, where the State Department entertains visiting potentates and other distinguished guests, such as the Arabian princes, Prime M nister Mackenzic King of Consda, Viscount Amander, General De Gaulle, King Peter of Yugoslavia, Foreign Munister Molatov, and King George of Greece, to name a few (page 729).

Rought by the Government in October, 1942, the house represents in its furnishings generations of gracious living; its glassware,

silver, and china are especially fine. President and Mrs. Truman and their

daughter Margaret spent the first three weeks of Mr. Truman's term in the Blair House.

"They are all but one of their meals here," said Mrs. Victorio Geaney, the housekeeper, "and we had a different table setup every tile.

The beautiful second-floor library is directly across the hall from the ranking guest's bed-room, and thus more than one international problem has been quietly discussed in the library.

In the summer foreign prests often insist on throwing open every door and winnew, falling to realize that such a heavily bailt house is cooler in bot weather if kept closed.

The house was built in 1824-27 by Dr. Joseph Loved, Surgeon General of the Army, whose requirement that medical officers make weather reports was one of the historic beginnings of the Weather Bureau.

Presidents Visited Bluir House

For many years and antit a few years ago, the house was owned and largely recupied by the Blairs, for a long period one of the country's most influential families. It has been visited, in some cases many times, by all but four or five of the men who have been President, and by numerous aspirants to that office.

One of the Cabbert members who rented the house was George Bancroft, historian and diplomat. As Secretary of the Navy, he kid the foundations of the Naval Academy while he was there. Also, as Acting Secretary of War, he signed the orders that led to the invusion of Mexico and, as Secretary of the Navy, to the taking over of San Francisco and other California settlements.

Here thereal Sherman was married and Admiral Farragut given his important Civil War command. Most historic of ad, Col. Robert E. Lee, on April 18, 1801, refused command of the Union Armies offered him by Francis Preston Blair on behalf of Lincoln, even though he would have had an opportunity to put into practice al, his military theory and would have or manaded a larger army than he had ever seen before.

"I declined the offer he made me," wrote General Lice many years later, "stating, as caudidly and as courteously as I could, that, though opposed to secession and deprecating war. I could take no part in an invasion of

the Southern States."

It is known that, after talking with Mr. Blair, Colonel Lee spent three hours with Gen. Winnell Scott, Comman let in Chief of the Arney, although what each said to the other was never afterward revealed by either.

General Scott's office was in the building which still stands at the southwest corner of 17th and F Streets, a few blocks below the



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A 19-foot Thumas Jefferson Stands on a Pedevid at His Marble Memoria.

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the post of the contract of the contract of best winds (as lather, bear life in the P. A. Healy, long in the house, During Pre re t i tala P han selt administra

tion it passed to the Government and now bungs over the mantelpiere of the great state airling room in the White House (page 709).

The Romance of Tudor Place

Because of its association with a member of the Washington family, and because it was designed by Thornton, litst architect of the Capitol, Tudor Place is probably the most important building, historically and architecturally, in Georgetown

Symbol of a bygone age of landed gentry, it stands stately, serene, and alonf on its beights. Interesting is the fact that its superbeatering is offset by a severely plain interior.

Many thousands of people traveling along Q Street duly pass the south front, with its "temple" porch; few ever notice the north or main front, entered at 1644 31st Street.

Unusual in its unbroken chain of family ownership and occupancy, Tulor Place has continued in the Peter family almost since it was erected.

Thermas Peter, son of Georgetown's first Mayor, brought his wife, Marthu Parke Custis, granddoughter of Marthu Washington, there in 1805. The boase is now owned and

occupied by Armistend Peter, Jr.

Fame is such a strange and fickle thing that I visited the Oak Hitl Cemetery in George-town not so much to view the graves of John Howard Payne, author of "Home, Sweet Home," and of those noteworthy Cabinet members, Edwin M. Stanton and Jumes G Blaine, as to see the obscure, diminutive, and difficult-to-find headstone of Peggy Ea or

Write of a member of Antrew Jackson's Capinet and inspiration for a modern movel, she had Jackson on her side when ladies of in the order of the was an innkeeper but chiefly because of her two-charming ways with the men.

Martin Van Buren, Secretary of State and a widower, also sided with Peggy, and this, along with other factors, threw Jackson's favor to Van Buren, who became the next President

instead of Calhoun.

On the other side of Washington, near the Anneostia River, is the Washington Burial Ground, commonly known as the Congressional Cemetery. It is one of the most interesting in the country because of the great number of celebrities intered, and also one of the strangest for quite a different reason.

Prior to 1835, all Members of Congress who died in office were buried in this remetery, and Congress erected for each departed Member an identical and rather ugly temb. These are analorm in size, shape, material, and inscription, and are spaced at regular intervals.

There are 164 of these curious objects About half are retactaples, that is, they contain no burnel, being empty tombs.

Of all the places in Washington associated with the great figures of American bistory, those connected with Abraham Lincoln pro-

vide the strongest sense of drama,

Following in his footsteps, let us first visit Fort Stevens, on the east side of 13th Street, between Quackenbes and Rittenhouse, and stand on the spot where a President of the United States was actually present in a battle and under fire during his term of office.

Washington was defenseless at the beginting of the Civil War. But Maj at L'Enfant, as a military man, had long before realized that the encircling hills could be defended to

wonderful advantage.

Following the first little of Bull Run, a program of fortification on a 37-mile circum-terence processed apage.

When Guns Surrounded Washington

liv April, 1865, sixty-eight armed forts, with 905 gans and morbus, had been erected. These were intermanented with 20 m ha of rifle trenches and 93 unramed batteries for small m taile gans—one of the world's greatest systems of fortifications up to that time.

Fort Stevens is partially restored, and several other facts are well preserved. In a few years, when all the facts have been connected by a circumferential highway, to be known as the Fort Drive, others will be restored.

In an effort to bosen Grant's approaching strangle bold on Richmond, Lee dispatched Gen. Julial A. Early in July, 1864, for a miden Washington. Farly schally penetrated to the outposts of Fort Stevens.

At first the defending force consisted of wounded and convulescent soldiers and Government clerks, General Halles a tematiking that he had five times as many generals as he needed but was short on privates.

But in the hick of time, Maj. Gen. Haratio G. Wright arrived with the Sieth Army Corps from Grant's main force, and in front of Fact Stevens completely repulsed the poorly supplied Confederates, exhausted from their long forced marches in torrid weather.

While watching the buttle, Lincoln was under fire several times, his tall figure offering a shining mark. General Wright, upon visiting the spot many years later, said that he peremptorily ordered the President to get down.

"I am responsible for your personal safety,
I meet to the one down, Green's
Wright safet, "Mr. Lincon looked at me,
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Saudi Arabian Princes Visia Ithur House as Guests of the State Department

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the age W. Riegs, whose hanking firm became the Riegs National Bank.

The purchase was made with a \$100,000 draft made out to General Scott, tribate money levied on the City of Mexico, and he endoesed it to the "credit of the army asylum," so that it should not be used for anything ease.

For nearly a lumited years Congress bus appropriated nothing directly to operate the Soldiers' Home, which is for enlisted men of

the Regular Army only,

it is supported ont of a very large trust fund made up of court muttal fines, up laimed estates of disceased soldiers, and contributions from pay, which have ranged from 10 cents a month to a high of 25 cents.

Lincoln's Pew Number 91

No one should fail to visit pew 91 in the New York Avenue Presbyterian Church. The hest time is at dask in the late afternoon. Lincoln occupied this pew form March, 1861, until his death, and paid \$50 at year rent. Other Presidents have worshiped in the same church, but it is the Lincoln connection which makes it truly historic.

The pew was and is so narrow that Lincoln had to sit at the end somewhat sidewise, with his long legs partly out in the aisle. Despite this handleap, he peculitud strangers to sit with him, and as one would thuidly approach he would shoot out a long arm, saying. "Come in here, brother, there's plenty of room."

It is curious how many permanent residents of Washington, as well as visitors, have never been inside Ford's Theater, on 10th Street, where Lincoln was shot, or in the Petersen House across the street, where he nied a few

homs biter.

Yet both buildings are in the heart of the shopping district and are operated by the National Park Service for the public.

The visitor to Ford's Theater must not expect to find it as it was on April 14, 1855, seized that night by the Army, it was revertised as a theater again. The Government bought it, took out stage, haves, and seats, and made it into a three-story building for War Department offices. It is now a nurseum of Lincoln relies.

A City of Memorials

Across the street, the exterior of the Fetersen House is relatively unchanged. Inside, it has been made to look as similar as possible to the popular rooming house for Union suldiers that it was during the Civil War.

Washington is naturally a city of memorials. In fact, the city was so planned that the Washington Manument, later the Lincoln Memo-

rial, and still later the Jefferson Memorial have fitted harm nivesly into the coordinate axes of the central plan (Plates VI and XVI)

The Washington Monument Is known to every schoolboy (page 739). The sheet height of its shall and its ever-changing beauty, under varying atmospheric conditions and from different angles, are a delight to permanent residents and visitors afike.

As for the Lincoln Memorial, no article about places in the Capital associated with the Nation's great can reach a fitting close without reference to it, even though all three memorials are equally symbolic of great men and of the noblest aspirations of the American people.

Many visitors think that Lincoln is baried in the Memorial, but his resting place is in

Springfield, Illinois,

The Memorial is more of a temple than anything else; men take off their hats; even noisy children are stilled.

During Robert Todd Lincoln's residence in Georgetown he visited the Memorial several

times a week.

Incidentally, the papers of the Great Eman cipator, which his son gave to the Library of Congress, will be released to public inspection on July 26 of this year,

The proportions of the Lincoln Memorial are so fine that its great mass, height, length, and breadth are sappressed in its unity.

Lincoln Memorial a Thing Aport

Light shipes through the marble panels which constitute the ceiling. To make these panels more transaccent, they were soaked in a melted waxy salistance before they were put into place

The Memorial was set apart from all other buildings so that its beauty and sublimity could have undesputed sway over a large area.

As one climbs the long series of steps and approaches the statue of Lincoln, not only until broading eyes drive away thrughts of the outer world, but one seems to feel the very essence of his upright character, steeped in tolerance and in the belief that all new should be free

As the late Marietta Managerode Andrews, a well-known arrist, more said of the Memorial:

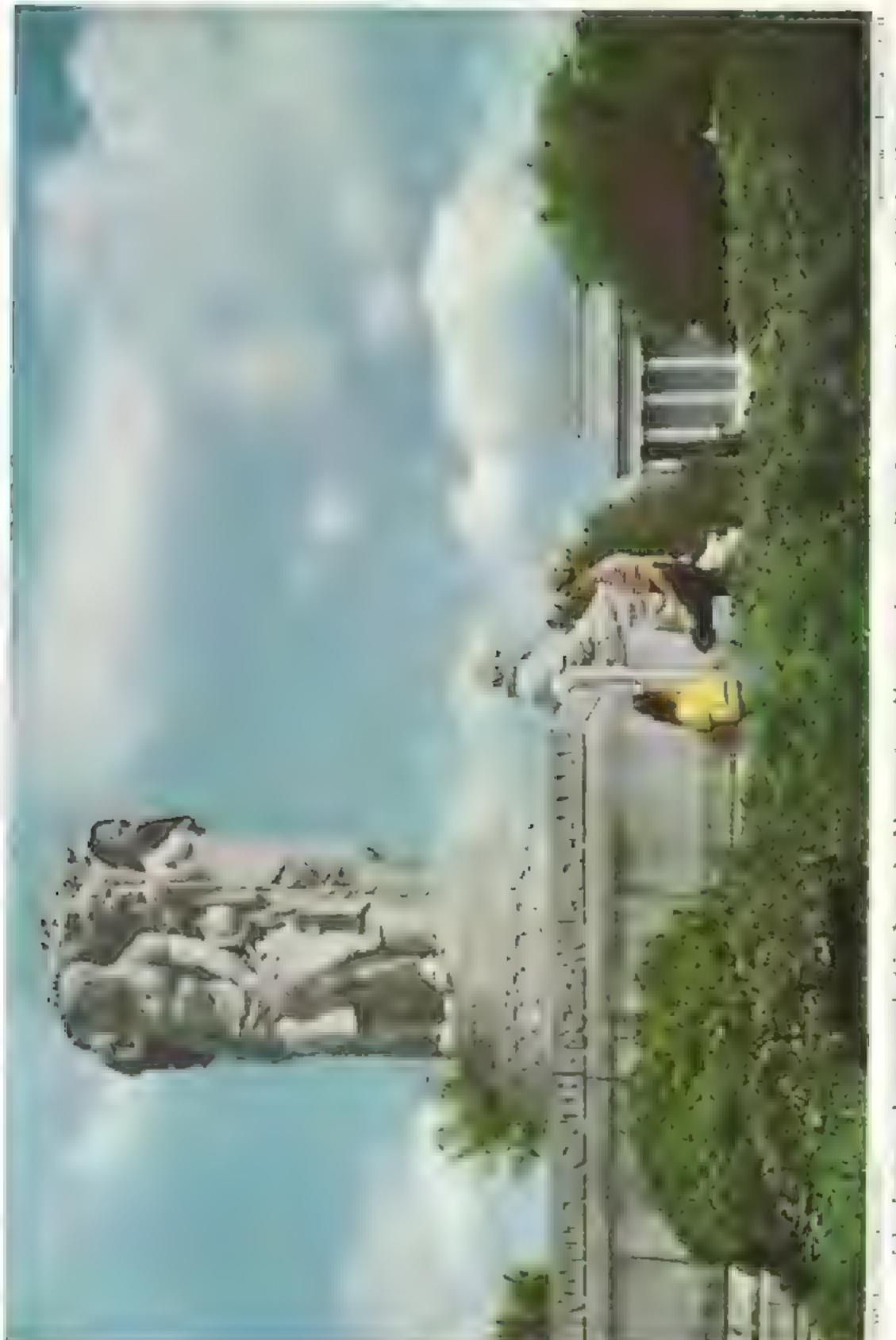
"[It is] so appropriate, as an act of undying reverence, because its beauty is its all, devoid of utilitarian purpose as was the how of precious circus circument poured out upon the Saviour's feet," *

* From My Starks Window, by Marietta M respected As from published in 1979 by E. P. Dutten & Co., Inc., New York, N. V.



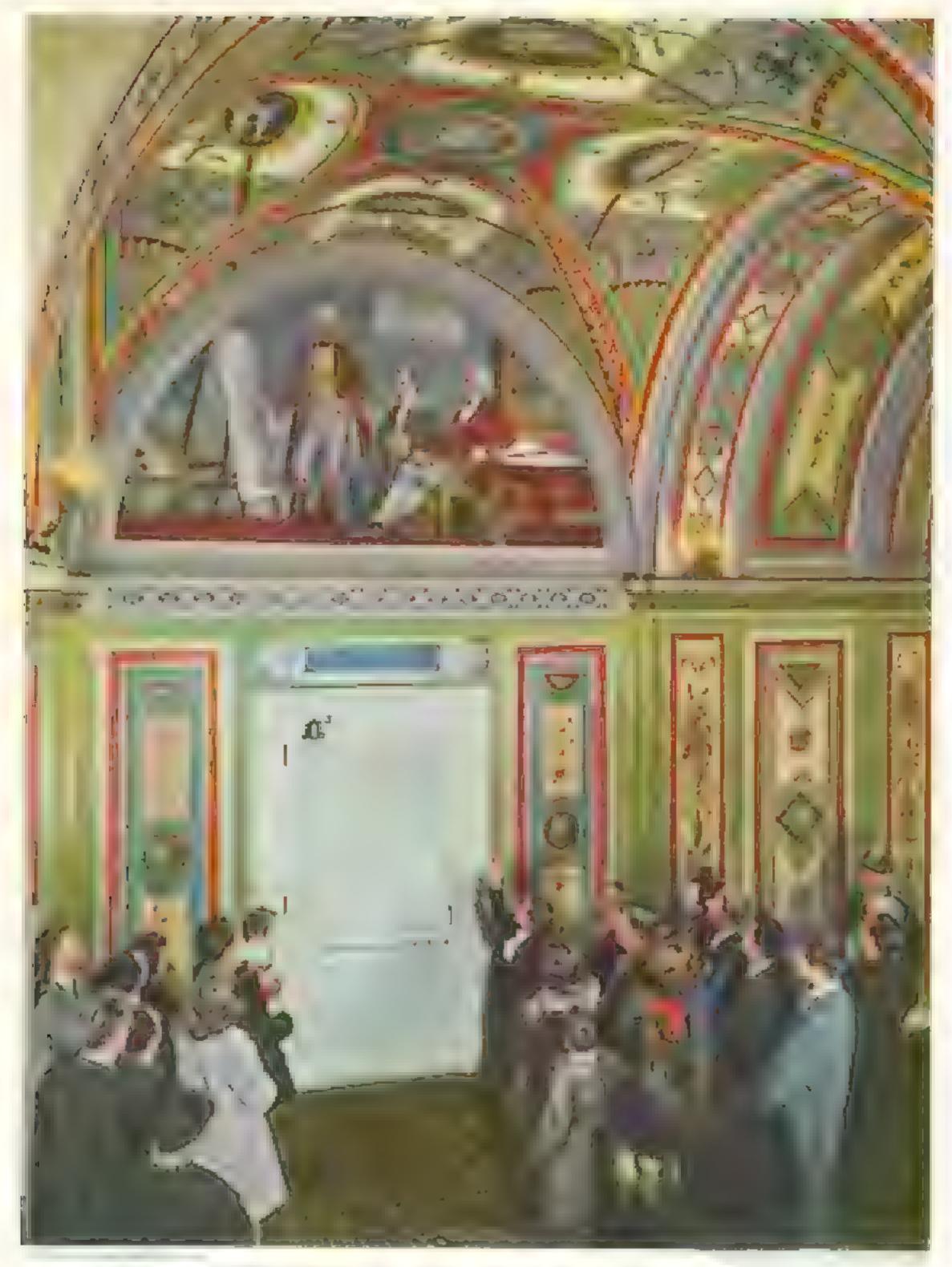
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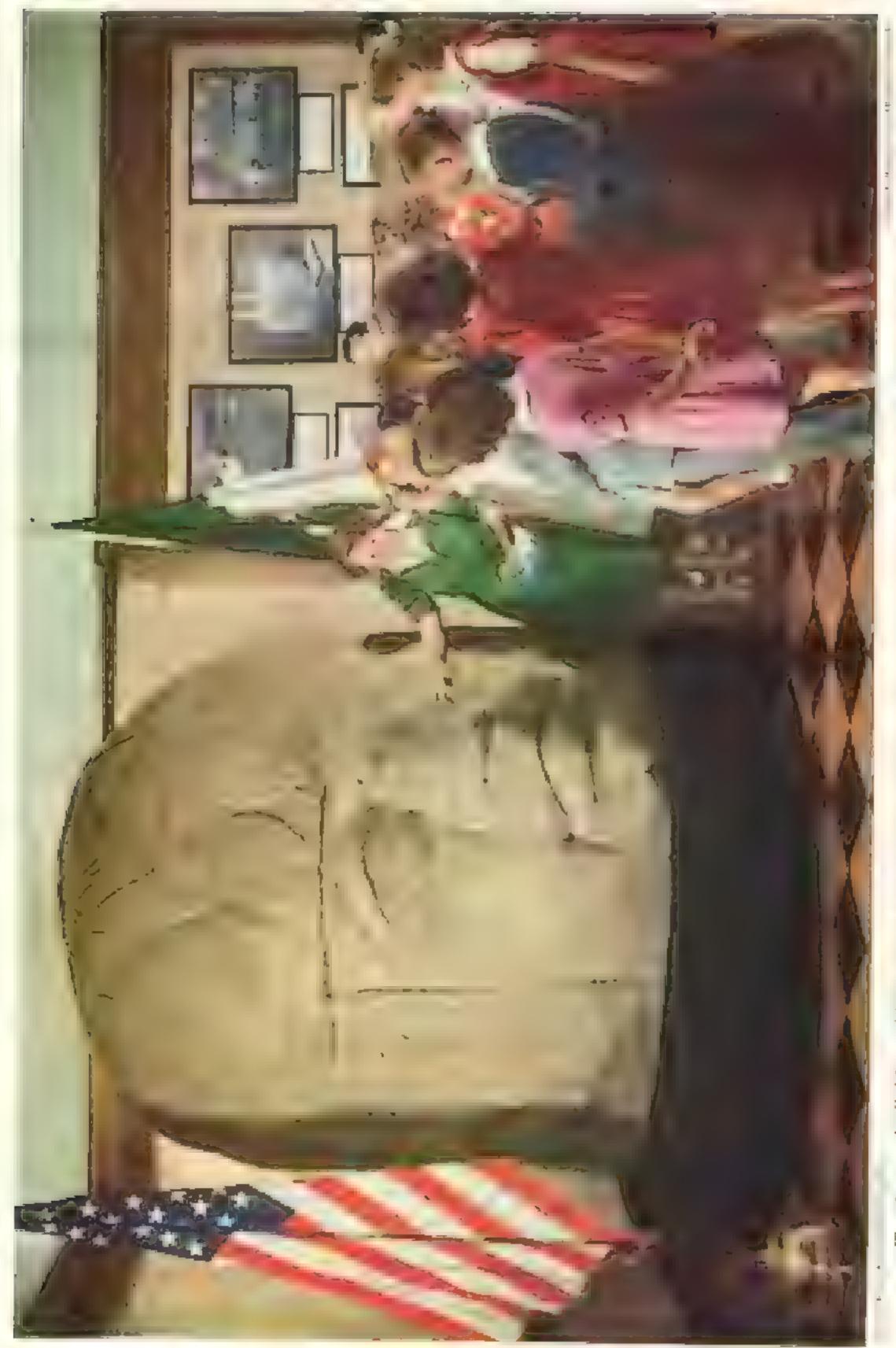
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The Washington National Monument Society

By CHARLES WARREN

THERE is in the City of Washington an organization formed 114 years ago, in 1833, of whose existence most citizens are massare, but which is still actively functioning—the Washington National Monu-

ment Society.

It has, however, a unique characteristic. By provision of its charter granted by Congress in 1859, it has only 18 members but 53 officers—the latter being a president (the President of the United States ex officio), 48 vice presidents (the Governors of the States ex officio), two active vice presidents, a secretary, and a treasurer.

No putional monument to the memory of George Washington was completed in the Capital City until about 85 years after his

leath on December 14, 1799.

Nine days later, John Marshall of Virginia, in the House of Representatives, supported a joint resolution "that a marble monument be creeted by the United States in the Capitol at the City of Washington," and that his body be deposited under it. The resolution was unanimously adopted.

On January 1, 1801, the House passed a bill for a marble mansoleum with a base 100 feet square. In the Senate, the bill was postponed.

In 1816, 1824, and 1830. House bills favoring the exection of a marble monument or mausoleum ogain failed to pass, many Congressmen taking the view expressed by Erastus Root of New York in 1810—that it was preferable that "Washington's name live in his-

tory [author] than in nurble,"

John Foreyth of Georgia later said it was unnecessary: 'When foreigners inquire of us, 'When is his monument?' our answer is 'In our hearts, our deep, all-pervading, ever-whelming gratitude to the great benefactor of our country.' 'George Cary of Georgia said. 'We need no monuments. . . . He has a monument in the heart of every American . . . and let it be our peculist pride to enshrine him.'

An Appeal to the Nation

From year to year the project unfortunately became involved in politics until, in 1832, when it was proposed to celebrate the centenary of Washington's birth, the division between the Democrats and the Whigs had become so hitterly partisan that Congress failed to ask President Jackson to attend the exercises at the Capitol, and the numicipal ce chatious were almost entirely Whig affairs.

Possibly because of this heated political

situation and the repeated failure by Congress to provide for a monument, citizens of Washington determined not to wait any longer or to rely on Congressional appropriation, but to appeal to individuals throughout the Nation.

Accordingly, a Society was formed, September 26, 1833, at the City Hull for the purpose of execting "a great National Monument to the memory of Washington at the scat of the Federal Government," and to obtain contributions for this purpose. It chose Chief fustice Marshall as its first president, and George Watterston (former Librarian of Congress) as its secretary.

Marshall on his death was succerded as president of the Society in 1835 by former President James Madison, with Judge William Cranch as first vice president. Widespread appeals for funds were circulated. An architect for the Monument was chosen. Robert Mills — who had designed the first menument of importance mised to George Washington (that in Baltimore in 1815-1829).

Appeals Kept Issue Alive

At first, individual contributions were limited to one dollar, but this limitation was soon abandanced. Though the Society had no great success in taising money (its funds being only \$87,000 in 1847), its constant appeals to the Nation and its memorials to Congress, and the indefatigable efforts of its secretary. George Watterston, kept the subject constantly before the people.

The eloquent nature of these oppeals "to the American people" may be seen in the following extracts from that which appeared

in 1846:

"The object was to erect a monument at the seat of Government which should by its colossal magnitude and imposing grandeur exhibit to the remotest age the gratitude of a nation of free men to the man whose excellent good sense and virtues had so pre-emmently contributed to their imppiness. . . . The hope is still included that the American people, inducted by the addent memory of the great founder of their liberties, will not fail to contribute to the erection of a structure that shall be commensurate with their gratatule and

*A monument to Mills was erected in the Congressional Consistory, May 30, 1936, by the Architects of Washington, bearing that macription: "Robert M... 17 (-1.2" | h. 1.2" | h. lord Architecture, and whose genius may us the Washington Monument, the Treast, yter, and, the 10% is her Orang at 1 to Okt Part Office."



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repetation and worthy of him in whose hence it is to be reared. . . . A design has been

sulopted and lithographed. . . .

"The pilgrim to Mount Vernon . . . is often slacked when he looks upon the humble sepalober which contains his dust, and honests that no manument has yet reared its lofty head to mark a nation's pratitude. . . Posthumous honors bestowed by a grateful pation on its distinguished citizens serve the further purpose of slimulating those who survive them to simthat acts of greatness and of virtue. . . The character of Washington is ident fied with the glary and greatures of bis country. It belongs to history, into which it has infused a moral grandeur and beauty. It presents a werdant ousis on the dreary waste of the world, on which the minu loves to requise and the patriot and philosopher delight to dwell.

"Suck a being but seldom appears to like-trate and give splendor to the annals of man-kind, and the country which gave him birth should take a pride in bestowing posthum as horors on his name. It is not to impossit the mane or fame of the illustrious Washington to intercept the mane or fame of the illustrious Washington to his intercept, but to show that the people of the Republic to the or and that they desire to manifest their love of eminent public and private virtues by some enduring mentorial which, like the Pyramideof Egypt, shall fatigue time by its duration."

President Polk Signed Memorial

This memorial was signed by James K. Polk as president ex cincle, William Brent, as first vice president, the Mayor of Washington as third vice president, George Watterston as third vice president, George Watterston as secretary, and 13 members of the Isoard of Managers (including Maj. Gen. Winfield Scott).

On January 31, 1848, Congress passed a resolution authorizing the Society "to creek a Monument to the memory of George Washington upon such portion of the public grounds or reservations within the City of Washington, not otherwise occupied, as shall be selected by the President of the United States and the

Board of Managers of said Society,"

A deed of the present site was executed to the Society on April 12, 1848. The site so granted was the very one selected by Wasa-Ington himself as the appropriate spot for A Monument to the American Revolution," which was proposed in 1795. It is also the same site which was marked to Major L.Enfent's map for the equestrian statue of General Washington ordered by the Continental Congress, August 9, 1785

On July 4, 1848, the cornerstance of the

Monument was laid in the presence of President Pols and a large crowd of diplomats and delegations from all parts of the Union.

The orator of the day was Robert C. Winthrop of Massachusetts, then Speaker of the

House of Representatives. He said:

"The President of the United States is here and feels, I am persuaded, that the educial distinction which he lends to the scene has an higher personal charm, if any higher public dignity, than that which it derives from its association with his earliest and most illustricus predecesser. If and the place which Washington held,' must be a reflection republic of sustaining a Chief Magistrate under any and every weight of responsibility and care, and of elevating him to the pursuit of the

purest and loftiest ends."

A striking description which Winthrop gave at the outset of the then world conditions (apposite today) follows: "The mighty movements which have recently taken place on the Continent of Europe where events which would have given character to no age have been crowded within the changes of a moon. . . . The influence of the New World upon the Old is the great moral of the events of the day . . . New modes of communication, regular and note rapid interchanges of communication and epinion . . . more frequent comparisous of principles, of institutions, and of condallons, have at laught brought the political systems of the two continents into conflict, and prostrate thrones and recking empires this day bear wi ness to the shock. . . . It is too early as yet for anyone to pronounce upon the precise consequences of the encounter. $^\circ$

After giving an electrent depiction of Washlegton's career, he exhorted his listeners to 'hold up aftech to the admitation and judtation of markind the character and example

of George Washington,"

"See that Every Stone Is Well Squared"

The architect of the Manument, Robert Mide, followed with this injunction: "Look well to the erection of this National Moon-ment. See that every stone is well squared, and that it is placed in its position both leve, and plants, that the troble offering of a nation to commemorate greatness, patriotism, and virtue may stand until the end of time."

No one of Washington's Cabinet or generals or other contemporaries of prominence was present. The aged widows of two of his associates, however, attended—Mrs. Alexander Hamilton, aged 91, and Mrs. James ("Dr ly") Madison, aged 80. His step-grandson, George Washington Parke Custis, 18 years old at Washington's death, also attended.



Seen from George Washington's Monument, His City Spreads that I have Relat Man

The mark e obelow has been called has brook been in their floor the arms in the analysis NATI " suggesting was set in 1949, the alumentan tip 3 three last. The set of the first of the set of th I - 4 les \$1,000 from May enly 4 met in a 30-met, to I en Wither A wast in an our contain. On your cave they could we the Blue Refer to make away. La gain the 500-for a retion level, they rode an elevator or walked 608 stems. Climbers saw loo tribute stunes, a me carred as a firm or Ard roof by the hi

La . Sie ile Sues, male and in a real. to Congress, and in 1854-55 a Haras and the tee recommended an appropriation of \$2 " \-000. Nothing came a the latest Act of Concrete approved on February 25 1885, the the distribution of Managers Gen. Winreit Sorr Walter Jon J. W. W. Corcoren, John Carroll Breat, and other-

I resident Buchanan presided at the meeting of the new Board, at the City Flat, March 7 2 -

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Congress Takes Over Monuncet

is Act of August 1876, Congress prowild on taking only to an interest of provirted for a Board of Commissioners (of which the cost vice president of the Society should he a member: for the completion of the Monument under the direction and supervision to

the Previent of the United States, and for appropriating money for such completion.

The Act provided farther: "Nothing herein shall be so construed as to probable said Society from continuing its organization for the purpose of soliciting and collecting money and material from the States, associations, and the people in aid of the completion of the Monotont and acting in an advisory and connectative completion and dedication of the same."

By Act of October 2, 1888, it was provided that "the Washington National Monument Society is beneafter continued with the same powers as provided in the Act of August 2,

1970,"

"Venerable Citizens" Attend Dedication

After the capst me had been set on December 6, 1884, the Monument, acarly 37 years after the laying of its cornerstone, was dedicated on February 21, 1885, and accepted by President Arthur at its site, in the presence of its all, rivit, judicial, military, diplomatic, municipal, and Masonic, and (as the official report quaintly states) "jurists, scientists, journalists, venerable citizens representative of famor generations."

There was an address from the seed W. W. Corcoran and by Col. Thomas Lincoln Casey, the engineer who completed the construction. Subsequent exercises at the Capital consisted of an oration written by Robert C. Winthrop which he had expected to deliver in person, in spite of his nearly 76 years of age, but which, owing to illness, was read by John D. Long of Missachusetts. An oration was also given by

John W. Daniel of Virginia

Winthrop's address was long and cloquent, though not equaling that delivered by him 57 years before. He quoted effectively the opinions of Washington expressed by certain of his contemporaries and by Lord Byron in a well-known poem. He recalled Jefferson's words shortly before has death, when, looking out from Market I be an a Washington of from Market I be an a Washington regime, a constellation in youder heavens is called by his name."

Winthrop concluded by saying that though the Monument itself might become subject to vicisousties of time, "the character which it commemorates and illustrates is secure. It will remain unchanged and unchangeable in all its... splender and will more and more command the homage of succeeding ages in all regions of the earth. God be praised, that character is must forever."

In 1926 the American Institute of Architects beard the late James Monroe Hewlett, distinguished architect and nural painter, describe the Monament itself in these notable

words of artistic appreciation:

signed by engineers. The wind piles up masses it sail that he is a line, to the region paints it solver and the setting sun paints it pold, and it is, I venture to think, the most beautiful sangle object in the world today."

Abraham Lincoln's Tribute

A striking supplement to these tributes should be known to all Americans—the speech made by Abraham Lincoln at Springheid, Illinois, more than one hundred years ago, February 22, 18-12, on the 110th anniversary

of Washinghan's birth.

Washington is the neightiest name of earth—long since mightiest in the cause of civil liberty, still trightiest in moral reformation. On that name no eulogy is expected. It cannot be. To add brightness to the sun or glary to the name of Washington is alike impossible. Let name aftempt it. In solemn awe promume the tame, and in its naked deathless splendor leave it shining on."

where the thought estates in the National Capital's history, mouth, charm, and listence buildness, see, among others; "Washington Through the Years," by Cilbert brossenar, Navar ber, 1931; "Washington, Home City and Shaw Place," by Len A florab, June, 1947, "Washington; Its Brewin, and Its Pubers," by William Floward Tall, Micch, 1948; "Somes of Washington's Charm," by J. R. Hille I mad June, 1948; "Worders of the New Washington," by Fred tack G. Verburgh, April, 1948; "Warting Washington," by William H. Naibe as September 1948, and "Washington," by William H. Naibe as September 1948, and "Washington," by Milliam H. Naibe as September 1948, and "Washington," by Milliam H. Naibe as September 1948, and "Washington," by About W. A wood, Murch 1942,

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On the Ridgepole of the Rockies

By WALTER MEMARS FOWARDS

I I AVE you ever dreamed you were hanging on the edge of a preclaire, with an unseen force compelling you to fall into the depths below?

My wife and I were both in that predica ment last summer only it wasn't a dream?

Neither of us had ever before climbed anything more hazardous than an apple tree; yet there we were in the Valley of the Ten Feaks, clinging to the perpendicular side of a real Canadian "Rocky" by our Lingers and toes.

It was fifty feet to the nearest stop, straight down, and the boose limestone would come away an our hands like tipe Lerries just when we the ught we had a firm hold. The sparkling blue-green beauty of M maine Lake far below became a matter of indifference in our sudden preoccupation with the geology of the region.

We had been misled into believing we were to have an easy climb and that our complete ignorance of aloine technique would be no handicap. Later we accepted the metted rebuke of oblitimers for not having been reped together, and smiled knowingly to each other as we thought of the descent down a rock slute during which a certain part of me pair of dungaries had been worn somewhat thin.

4 Car, a Camera, and Time Of

Two out of the millions of Americans who ome more were free to round at will through this land of many wonders, we were especially fortunate in luving a new cas, a secondband movie camera, and several weeks of accumulated leave.

Our choice of the Canadian Rockies was influenced by my father, who had given me, as a boy, wivid impressions of a magical mountain fairyland in which lived special kinds of people—Indians, wronglers, Swiss guides, camp

cooks, and "Truit Riders."

Very early one motoling in July we style out of our Washington apartment in the dark, climbed into our car, which was stuffed with dieffel bays and cameras, and pointed it west. Nine States and five startises inter, two tited but happy people unbanked the gate of Itali Oliver's Diamond I. Rough, in the footbills of the Rockies 25 males southwest of Calcary, Allerta.

faill and his charming wife, "Midge," were ready with a warm western welcome. We were assigned to the tastefully decorated room of their eldest daughter, Isan, who was hostessing at the Columbia Icefield Chalet for the summer. The comfortable ranch-house aware

room had a lugge picture wondow facing west to the mountains, which beckoned to us with blue and white fingers.

The Calgary Stampede

The mountains would have to writ a while, however, for the Calgary Stampeds was already in full swing, and only three days remained for movie making.

Wandering around the exhibition grounds early next proming, inspecting the Indian village as d absorbing the 'atmosphere," we two castetness, in borrowed troud-brimmed bats,

were in a uniferent world

Taking up prepared positions at the eastern end of the arena, we withstood a cavalry charge of fifty yelling cowboys, who sublenly turned about and rode at full gallop into a bord of wild cows. There was a mad melec of men and animals, bases and dust, in which here and there we could discern a cowboy holding primity to a to sed cow white his partner milked her—into a bottle

We quickly learned that, contrary to impressions gained from newsreels, most riders manage to stay on their bucking horses and steers for the required ten seconds. There is more of a thrill to seeing a bronco ridden

than seeing the rider thrown.

The special event at Calgary is the chuck-wagon race (pages 750-1). On the second evening of our visit I found myself on the toof of the grandstand with a newsreel cameranan while the contestants were taking up their positions in the areas.

The sun is low and long shadows add drama to the scene. For coutins, each made up of a covered wagon drawn by a four-horse team, driver, and four mounted men, line up.

Suddency the arena master spure his pinto pury and dashes up the line of vehicles, waving his arm as a horn signals the start. As one the wagons begin to oill, each weaving a figure eight around two harrels placed to equal settle distance traveled.

The outriders heave a stove into each wagon as it moves along, struggling to secura the land and then leaping into the saddle. There isn't a man in the crows, who isn't on his feet yelling as the outrits careen onto the track.

The first three wagons are scarcely inches apart, and the fourth is hard behind. A collision seems inevitable, but the arivers maneuver the clumsy vehicles with nerve and skill.

As they cound the first curve, the advantage of the Inside lane becomes apparent, and the

red-shirt outlit gains a lew feet. Down the back stretch the dust flies, shirts billow, manes and tails stream out behind, but the positions remain the same

On tenders are closing the initial distance but while meanting and follow their wagens around the lend. Here they come down the stretch, suchight and dust clooking them in in certe halo as they strain toward the line And over they go in a bunch, red shirts still in the lead by inches

"Whew! I've had shough swittement for r ne day," said my photographet friend. "Well probably be counting falling cowboys to full

curselves to sleep tenight."

A few restful days at the hospitable Diausered L seem slowed us down to normal, and we were ready to start for the mountains.

We Start for the Mountains

We had as companien and paide Canon Tady Montgomery, who hitched a ride with us to our next dest nation, Hand, where he is tector of the Anglican Church.

From Calgary we ascended gradually through the foothils, following the winding course of the Bow River through lush wheat and pasture lands, passing from plains to

mountains through the Cap.

At Cammore we saw a Stoney Indian waterring his horse in a stream, unrenscious of the beauty of the Three Sisters towering benevolently behind him.

"He, too, is a his way to Bank," said Padre, "He'll take part in the Indian Days

relebration, which starts tomorrow,"

We drove up the ever-narrowing Bow Valley the Pairbelme Mountains on our right and Montal Randle on the left, dark against the afternoon sun. Each bend in the road no vealed more Indians. They were investing in jalopies, backbaurds, wagmis, and on harsehack braves, squaws, and papacags sober of expression and dress

A sharp turn at the read brought us to a wide meadow behind a symmetrical fcuce of trees, and there, close along the base of the huge gray, jugged mass of Cascade Mountain, was a thin suwtooth line of painted tepees, the

Indian encampment (page 749).

It was easy to see this place as it had been a mere hundred years before. Not until 1841. wid white man's eyes first behold it. In that year, within two menths of each other, Methedist missionary Robert T, Rundle, for whom the mountain was named, and his George Simpson, Governor of the Hudson's Bay Company, passed this way.

In less than 50 years came the railmark and then the motorcar to Bunff, situated like a hub

where three valeys join the Bow. As headquarters of the National Park of the same tione, Barff is king of a mountain realm,

Throughout our visit the surmunding graytopped mountains, forest-clad below, kept us breathless, both from admiration and from

d rubling their steep trails,

In the car we covered every inch of motor road for a quick unpression of what other visitors were doing. Some, without leaving their cars, cautiously viewed the buffainer in the unional particle k northeast of town, of there astle for there is not be the remote will ydrogen sulphide at the Ligger Hot Springs

un Sulphur Mountais.

Buses brought tourists to watch the bears ionage in the town parbage damp. Picnic parties were leasting their eyes as well as their mouths on the shores of Lake Minnewanks (Plate NJV). Those with cars took the d zzv rigang raute up Storey Squaw Moantain for hind's-eye snapshors of the town and the deep

apray River Valley.

At the northern end of Tunnel Monatain hundreds of tents and trailers stood in neat, clusely packed rows in the public campground. Fostwar travelers swarmed in botel lobbies. Carrigs were reveling in the famous "Million Italiar View" castward down the Bow toward Mounts Girouard and Inglismablic. A fortunate few were riding horseback along verthat trails, while others sampled Nature's abundant favors pfied,

Indian Days at Banff

Mingling with the crowd on the Bow River bridge, we were produced with tripods and jabbed with carriers cases as each visitor sought to record the duszling display of headwork and feathers provided by Indians of the Stoney tribe, lined up to compete for prizes for the best Indian costumes (Plate XV).

As Norman Laxton, director of Banfi's Indian Days, explained to me later: "It gives the Indians a heliday and pleases the visitors. The old people, who never have a chance to go places, receive my first consideration, and utly rarely have I had to send a thoughtless son back to the reservation for his aged mother sor father."

How long have they been helding there

celebrations?' (nshed,

"Fifty six years," he replied. "I remember when they simply tun herse races up and down the main street. Indians love a contest; so we make competition the keynote, and there are prize or coeffett in A temporary and invoted to races and brone riding; evenings to song and dance contests. Come and see 'em.'

We did!



Banff Art Students St. ve to Capture Mount Randle's Glory on Canvas

The state of property of the state of the st



Spiral Tunnels Boost This Tegin Across Ricking Horse Pass

the desired the management of the Parametra of the latest transfer to the latest transfer the management of the latest transfer the latest transfer the latest transfer transf

Dangarees, lumber in the steeping bags, and dettels' The expressed our minds that night as we stept in ur in luxury in the Tunnel Mountain home of Mrs. By con Harmon, widow of the artist-photographs has given the Canadim Rockes to be with

Sleep in an Indian Tepec

Twenty-four hours later we were each lying to a sleeping on spruce-hough mattres a fun one lading tepes and to condition to have a full to ha

Our base camp of about 2.0 tepers, sheltering 50 teludes and assorted wranglers, was situated in an open grassy valler areside the Panther River, 30

miles north of Banti.

High mountains were all area d. Bases had brought us partienty up the Cascare River for 17 picturesque titles we had become let mately acquainted with the contours of the Western sedule and the ruseed Individualist that we refer to it. What puzzle are is all a lors is called a tender to it.

Recollection of that first evening fails regard a dim impression of hunting for sleeping bue polling branches at the distribution ready-cut piles of spruciboughs, and creaking into bed I can't even remember eating.

In what seemed enonemts I was awakened by one of my three tepee mates stretching shivering arm out of the covers to light a fire. In 15 manutes the tepee was warm. Sown towers 1. Index were making short of k of eating eges and flapiacks. Long tables had been barately erected so to it will be reliable to the control of t

trom photographs by Hyron Harmon.
Natowal. Cameratuse Maratal
M., 1904



Sincy Indians Assemble of Heir Typee Chap for a Parale of Bunff

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the white water over Bow bales.

Banti's Animal Streets

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Informed in Box Ring with the selfcation of the lightest and the light of the light of the light of the light and the lightest of the light of the light and the light of th direction, roughly paralleling the provincial boundary, which is the Continental Divide.

until it enters Jasper Nuthmal Park.

As one approaches Lake Louise station and branches of the Trans-Canada Highway, namy of the mountains to the left, unlike those around Banff, are capped with glacialice. A white signpost by the road-ide, with arms pointing upward in all directions, names the peaks—Temple, Fiertor, Pilot, St. Piran. Fairview, and others (page 779).

The Banff-Jasper Highway does not pass directly by Lake Louise, and we decided to explore that area on the return journey. It the moment we were intent on traveling to Jasper over the new 140-mile section opened in 1940. We had been told that new seems we odess would unished at every mile, and we were not disappointed.

An Array of Natural Wonders

Fir sheer, wild, solitary beauty this region can have few equals on this continent. There must be enough witherness loveliness in the 5.785 square miles of Banff and Jusper National Parks to best a lifetime of vacations for all the Nature lovers of North America.

The abundance of patured wonders we saw as we drove shock a cithward was lavish. Solitary Musit Herior towered like a great certifiel, a white thus of a glacier hanging from its shoulder. On whoot Glacier ciutched a mountainside like a gigantic chostly claw. Jude-green Bow Lake lay just beyond, glacier rimmed and tranquit, with carefree horses grazing along the shore (Plate X)

Lofty Mount Chephren stood like a somber pyramid at the end of an avenue of stately pines in the Mistaya River Valley. Through a bare, gray, rocky canyon the milky North Saskatchewan River started on its long journey to Lake Winnipeg. Mount Amery

resembled an immense slice of thordate cake with thick white frosting.

As we wound down into Jasper Park through Sunwapta Pass, we caught a at first glimpse of a dark, ideak, irregular ramport holding back a sea of ice threatening to eagulf it. We had teached the Columbia Josh lef

Through the big win lous of the chalet we grand at the Athabaska Glacier, a giant topgue of ice in the gap between Mount Athabask i on the left and the Snow Dome and Mount Kathener on the right (page 752).

"How for do you think it is to the top of the glaciers" asked Joan Dhver, who had been wasting to greet by tipem our arrival

in the char evening atmosphere, with in thing to compare for scale, it looked about half a mile, but I guessed a mile to I e safe.

"You'd find it a long seven miles if you had to walk it," John replied. "The Saskauthewan Glatter farther south is even bigger. You can

see it if you (limb Parker Ridge,"

Through the comperation of the boss, "Jusper" Jack Brewster, Juan and her friend Lortune Andrew were able to Join us at 6 next morning for a stramble up the Parker Ridge of Mount Athabaska (Plate VIII). Driving back the way we had come for a rout for miles, we left the car just off the narrow road.

With knapsacks, full of gruo, and cameras, we struck off across a grassy meadow, through a belt of evergrouns, and up the steep shape. Almost important we clambered over been fork which should give way to dry brown turf curving above us in anythating stretches

In shaded depressions we climbed steep banks of land-packed snow, kirking our treatinto it to gain safe front side. Pausing for pictures delayed us a little, but we reached the top of the ridge in about 90 minutes.

Below its in a deep canyon on the other side of the ridge lay the white tibben of the Sagnate bewar Glacier, stretching off into the distance to merge with the great expanse of the

Columbia Icefield (Plate IX).

Beyond the lower ridges of Mount Saskatcheway, from which a smaller glacies lowed into the main (rosen river, could be discerned the ferbidding mass of Mount Beyon, its summit enveloped in clouds. To the right and closer, the smooth, founded shape of its ice-covered lower stopes simulated by the decay clouds that hid its peak, was Mount Castleguard.

"The Jack Put"-Rocky Mountain Coate!

We were about to start the return climb when an exclamation from Joan called our attention to a group of small white dets on

a green slope far below.

Quickly pulling my field glasses from my knapeack, I could hardly believe what I saw, "One, two, three, four," I counted ploud. "Eighteen, nineteen, twenty . . . twenty-four of them! Rocky Mountain goats! They're appoind and haven't seen us." I whispered handing the plasses to the others.

What a break! It would have been very furturate to get close to one or two of these wary creatures, but we'd hit the fack pat

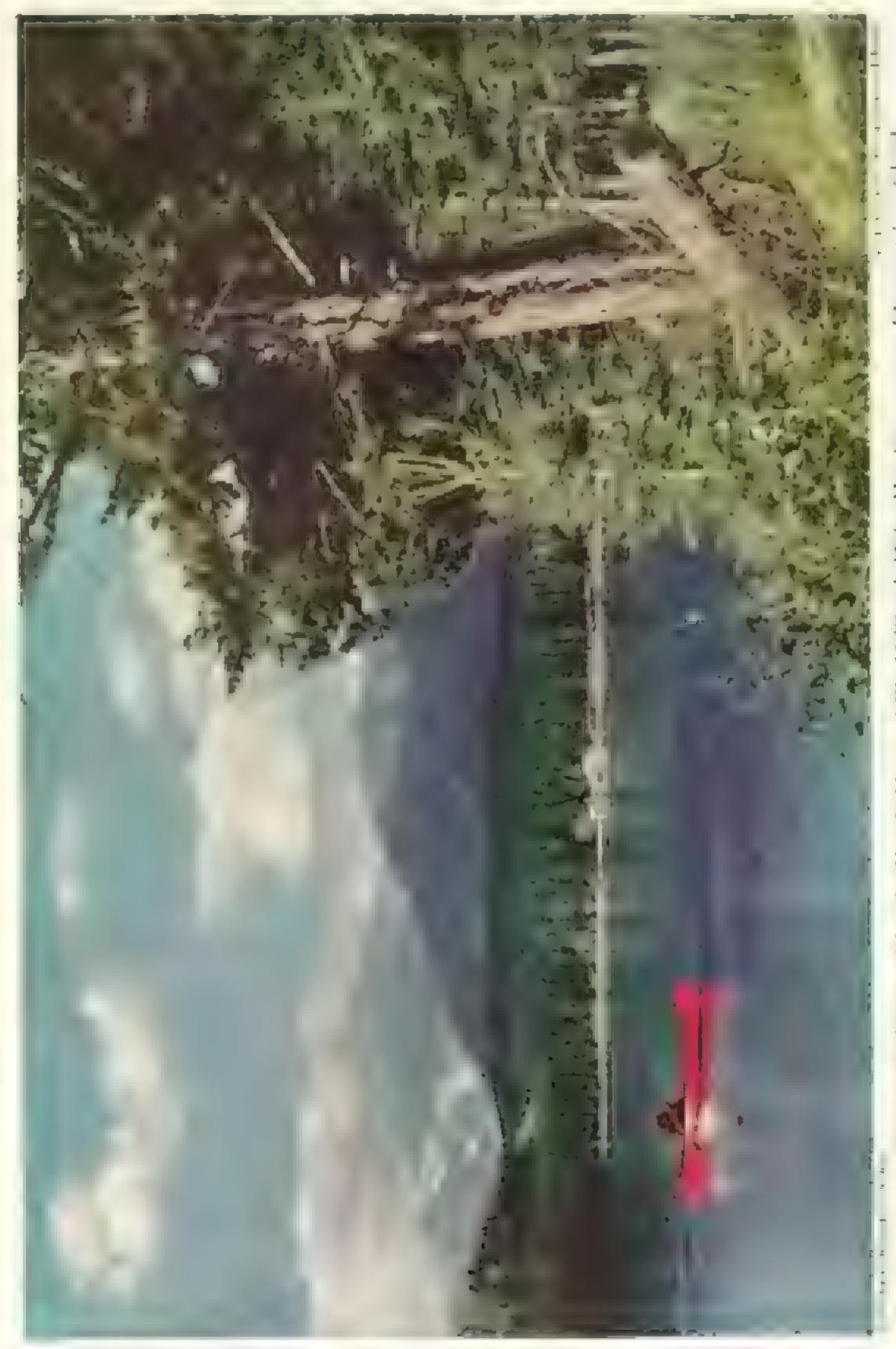
Asking the garls to keep still, I sifthered slowly down, hiding behind projecting rocks.



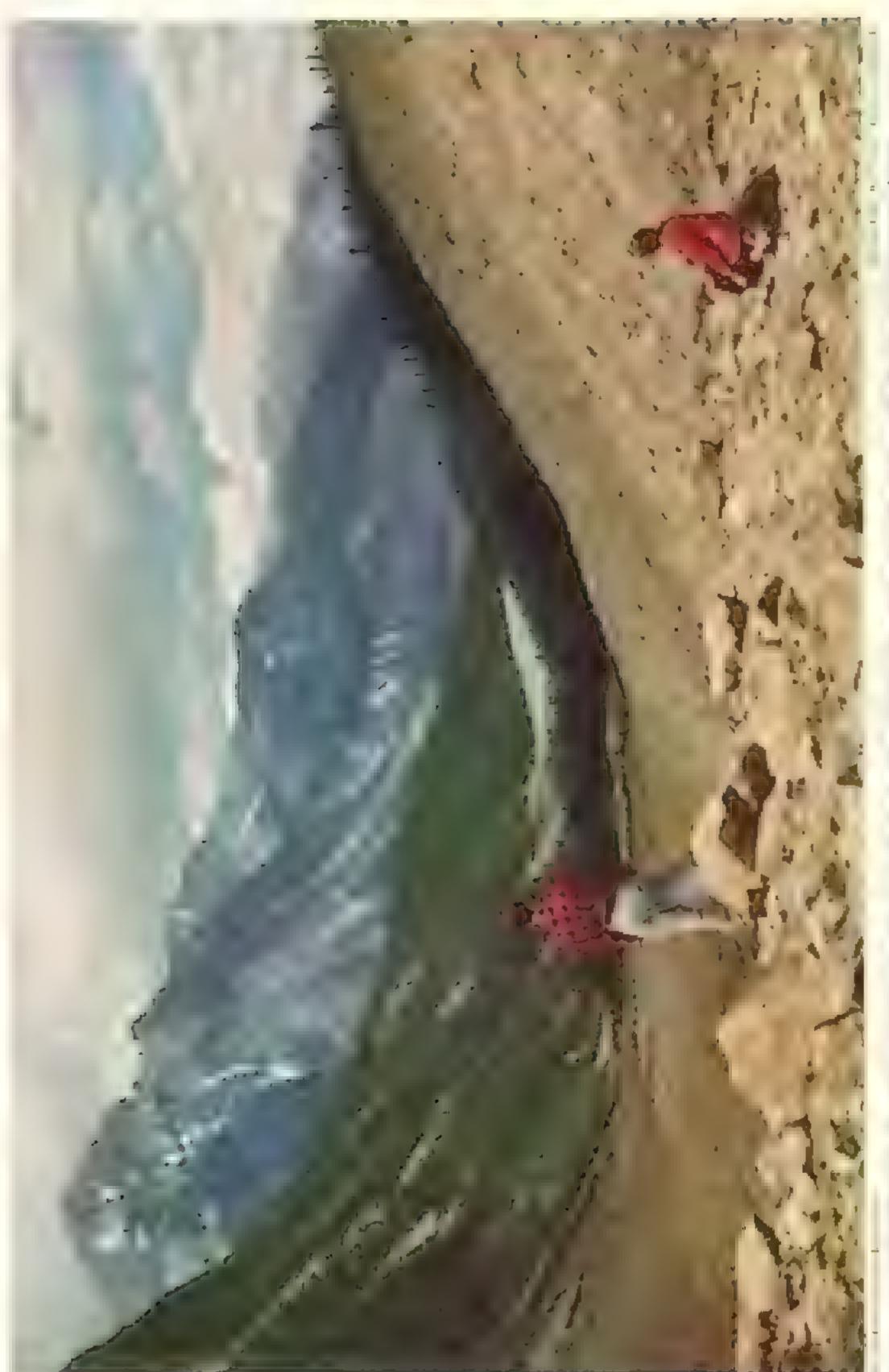
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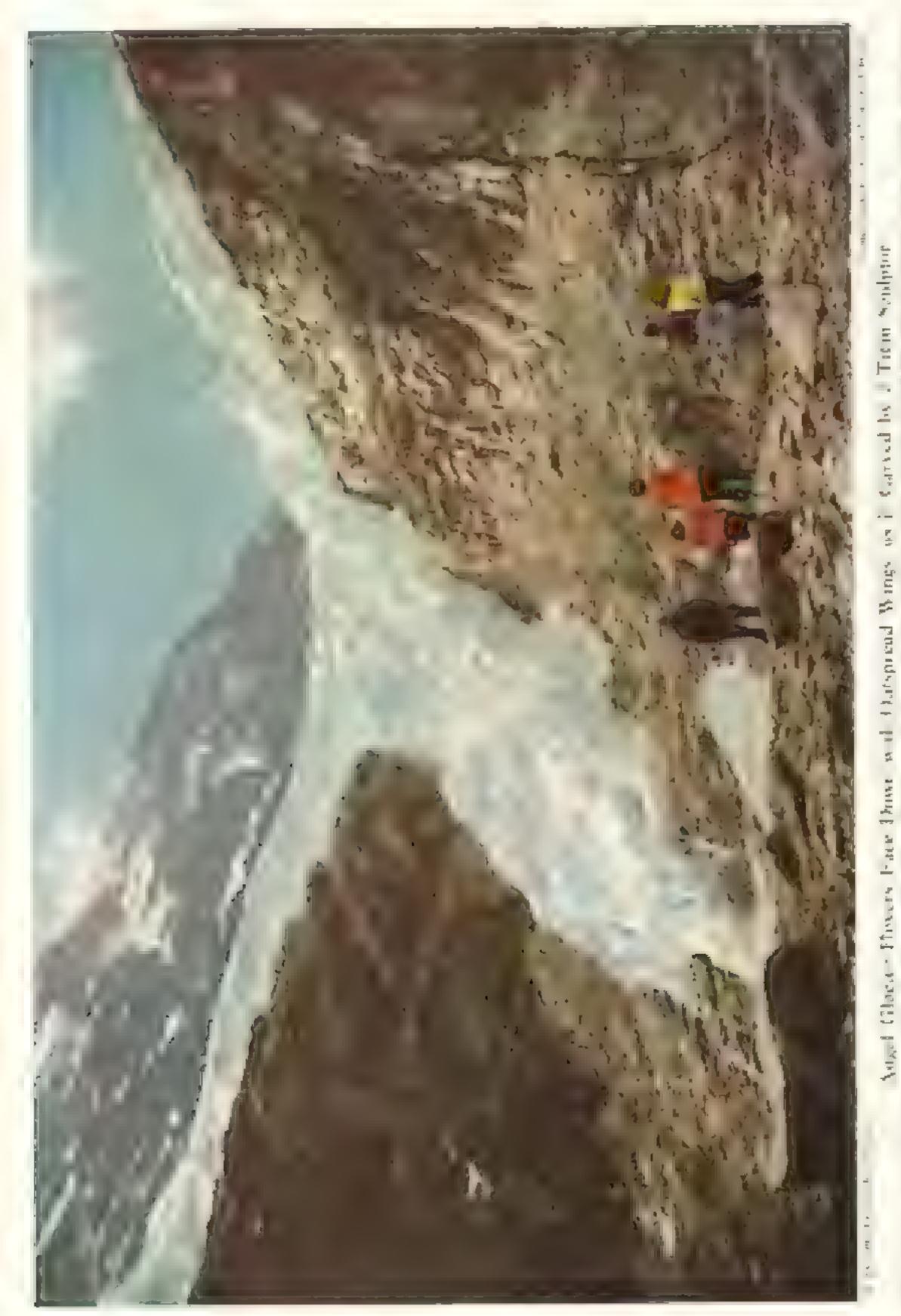




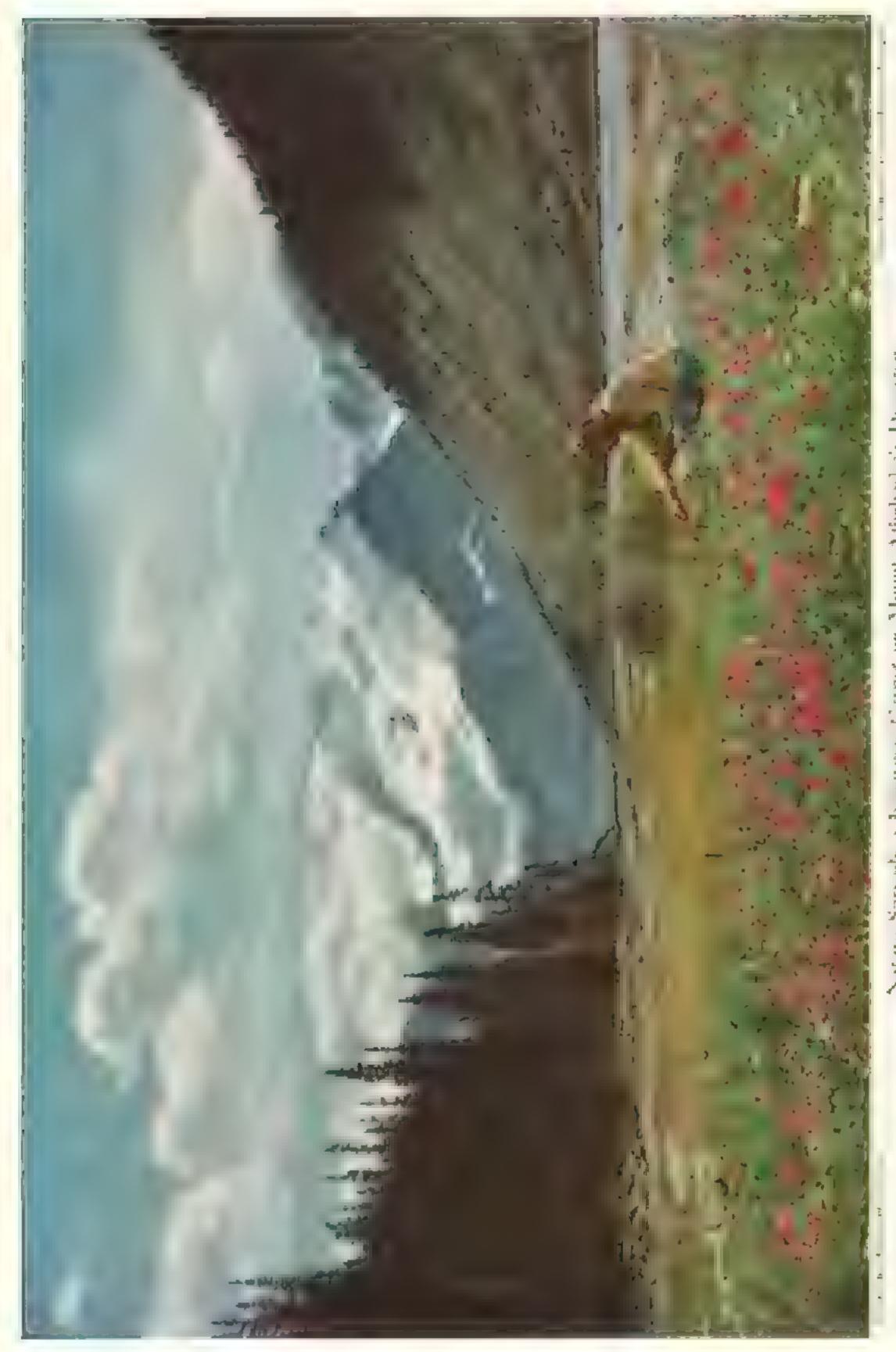
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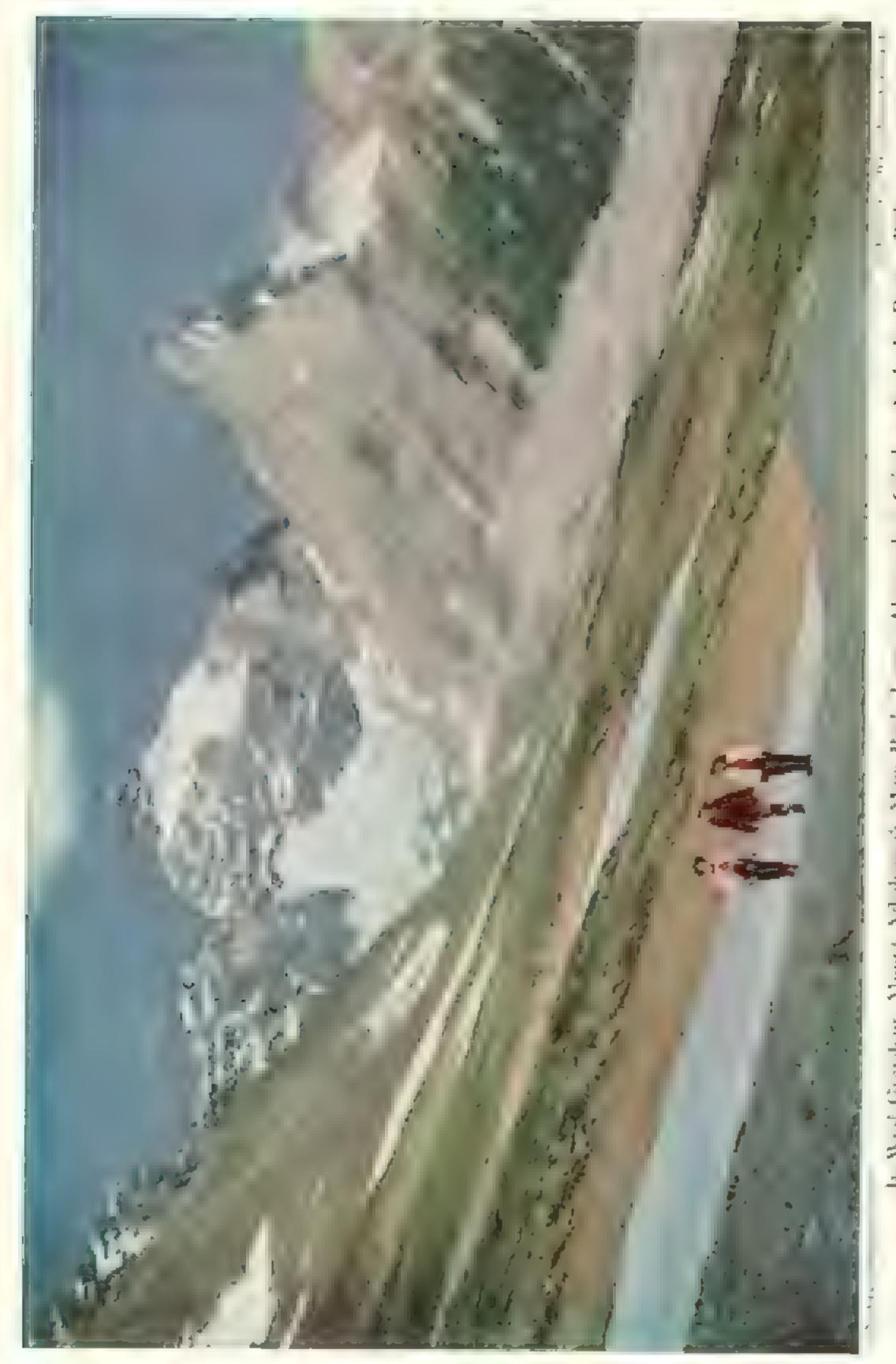
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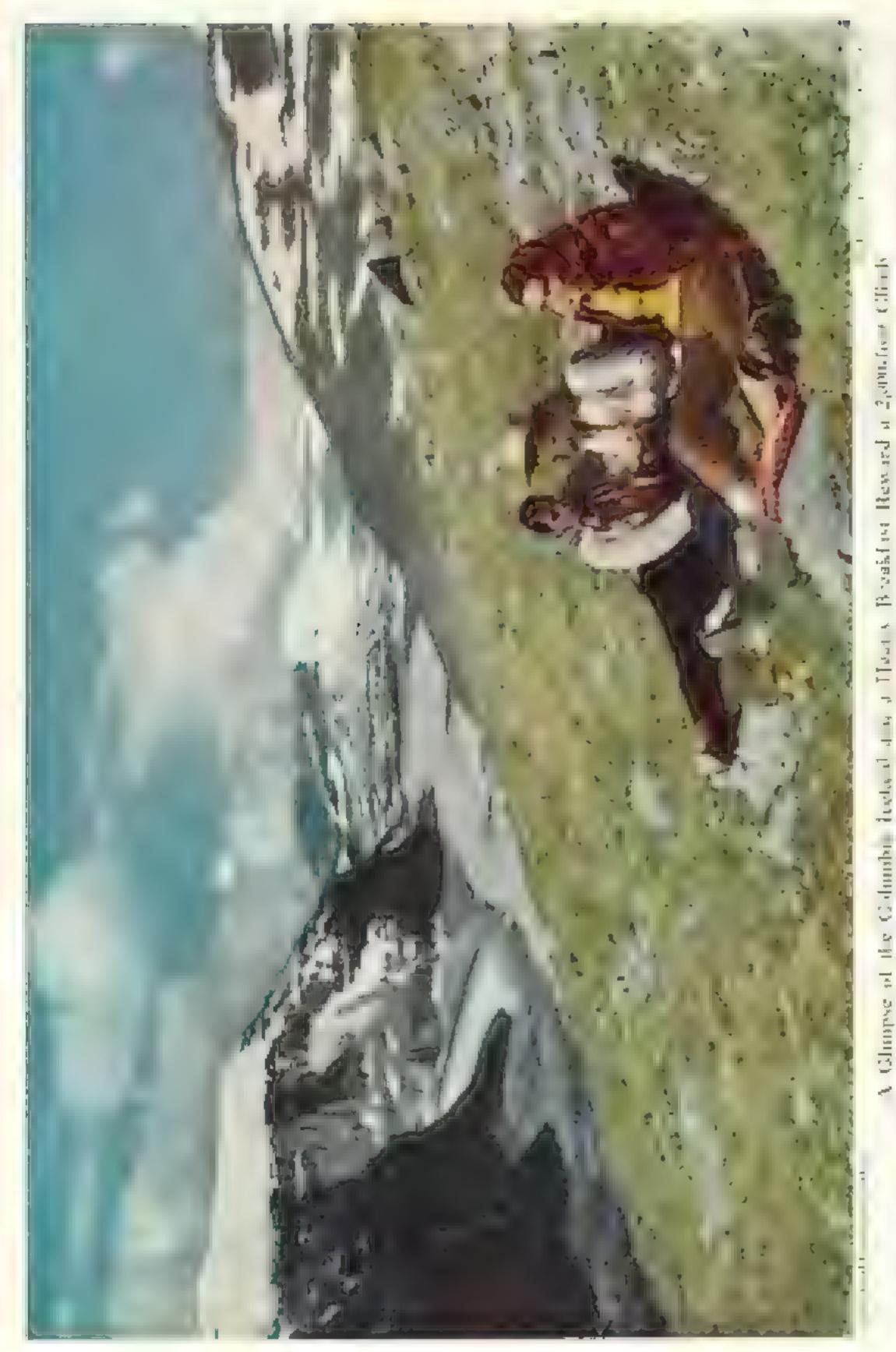


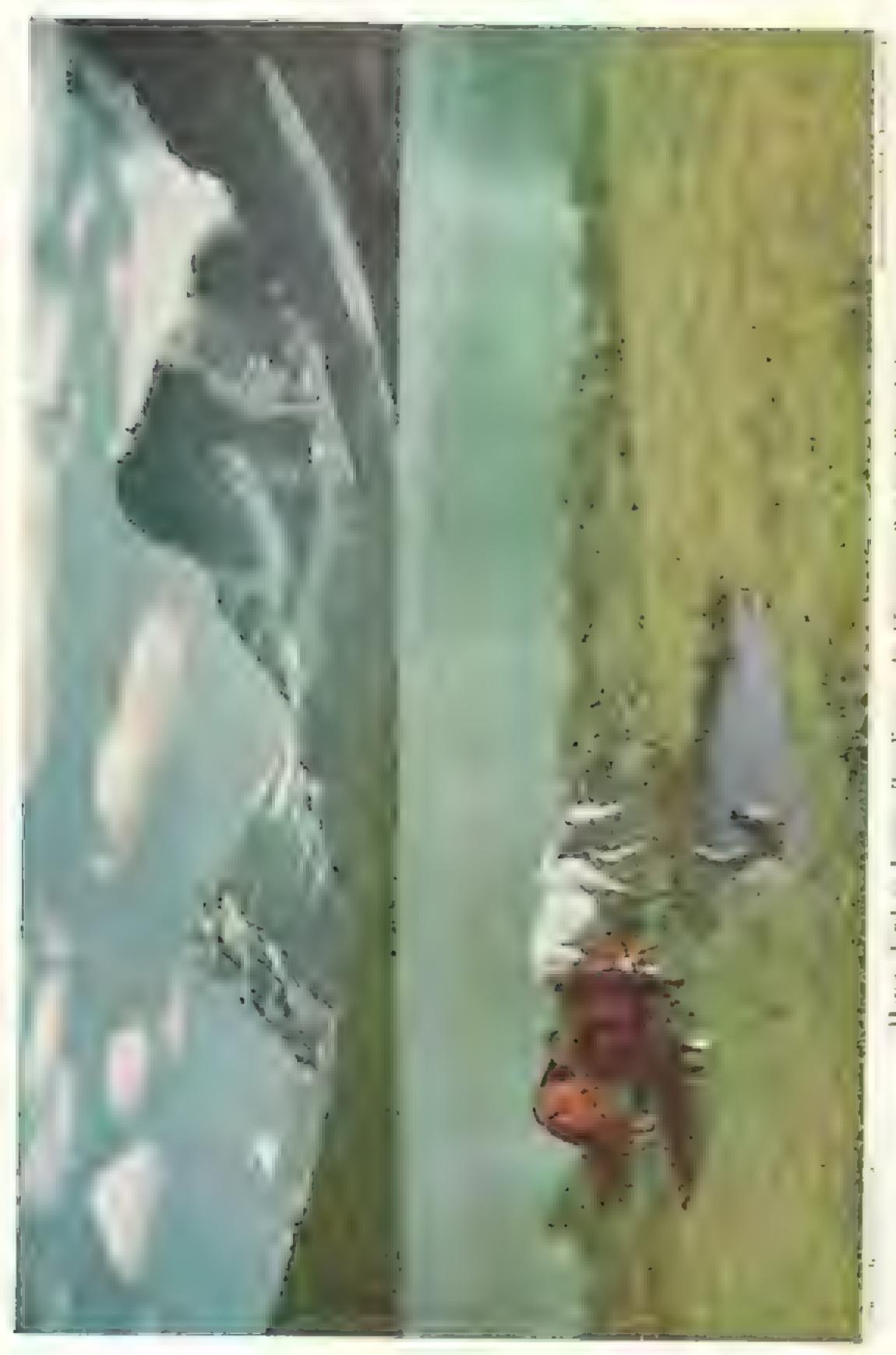
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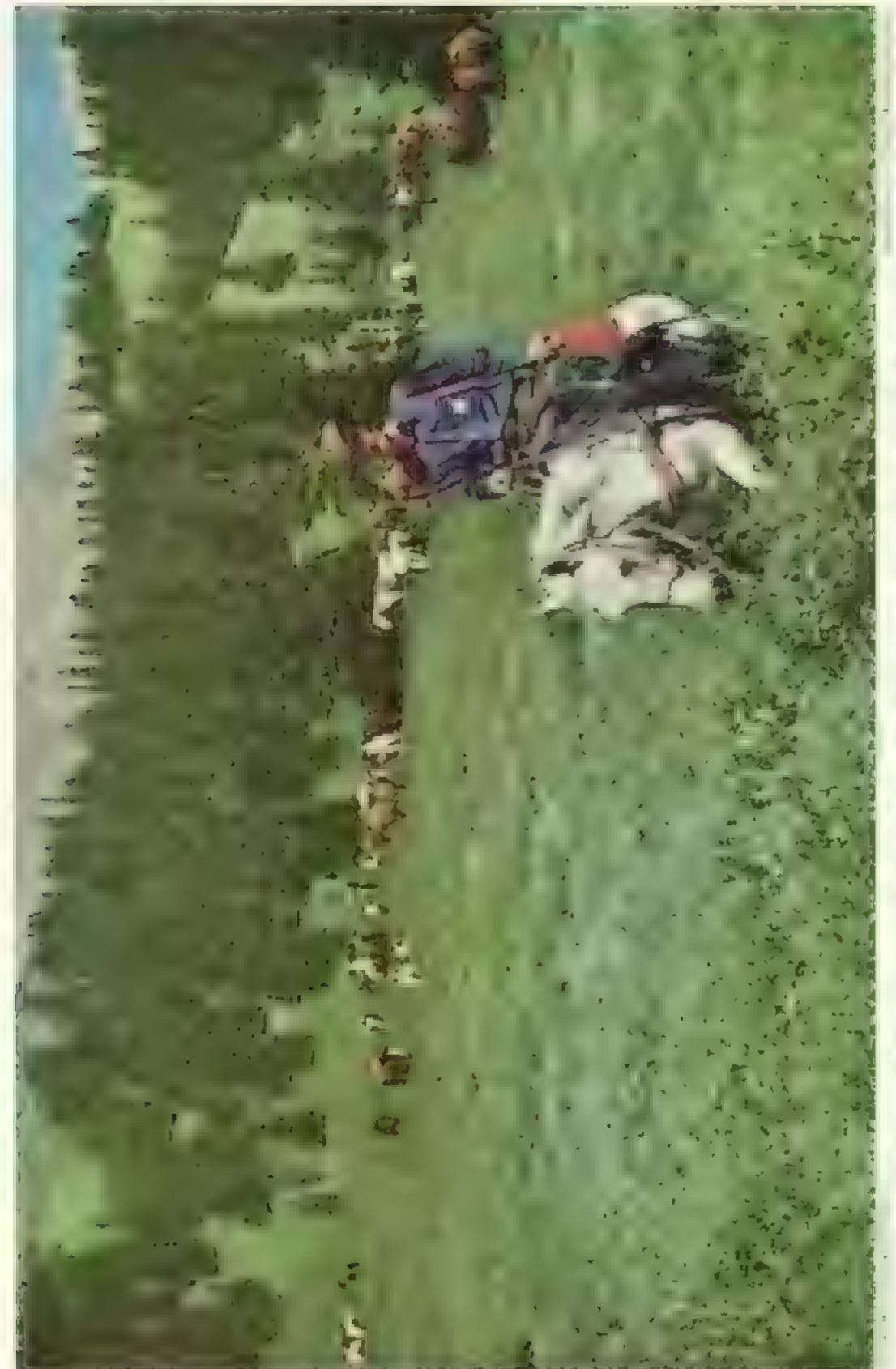


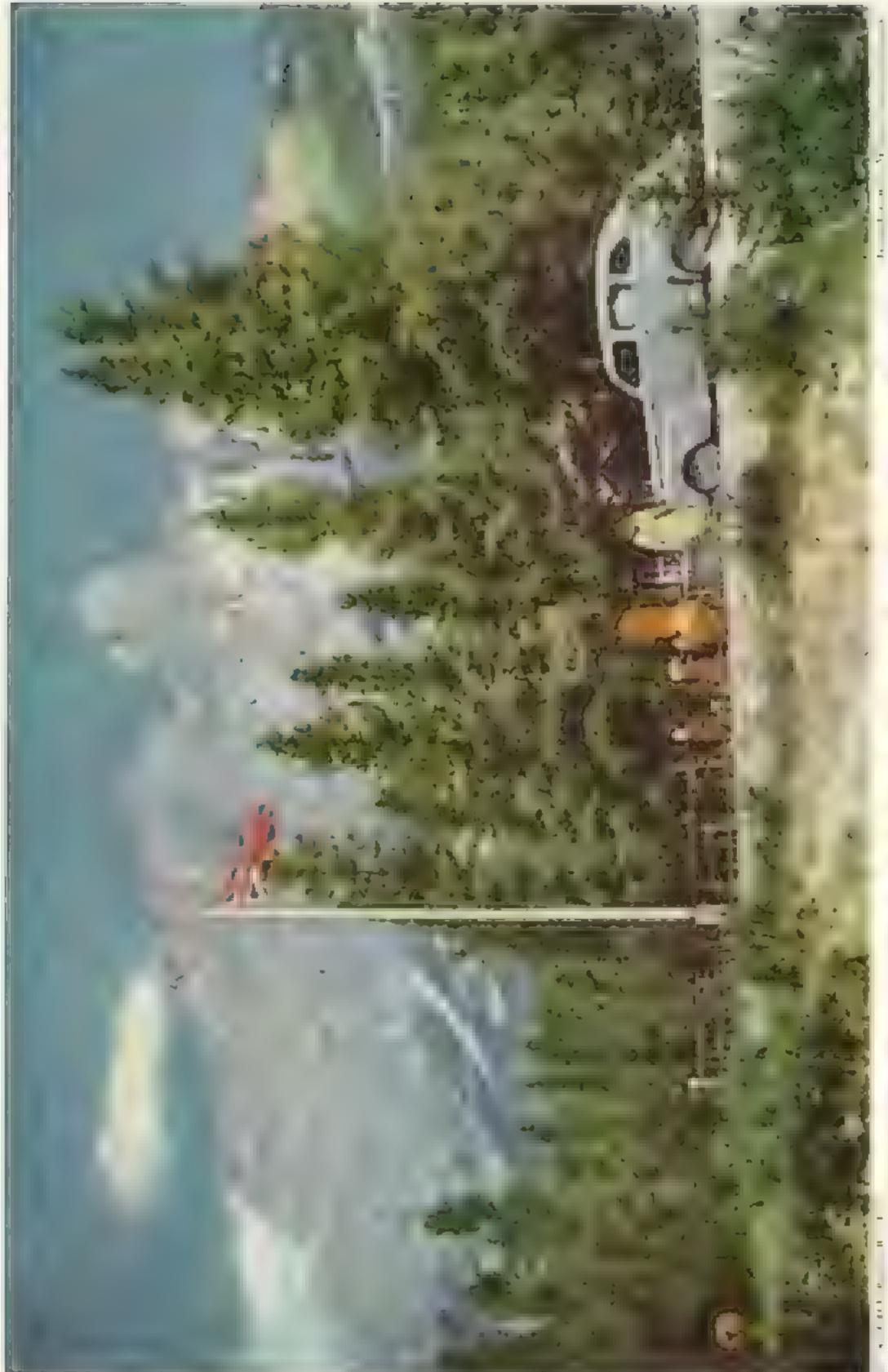






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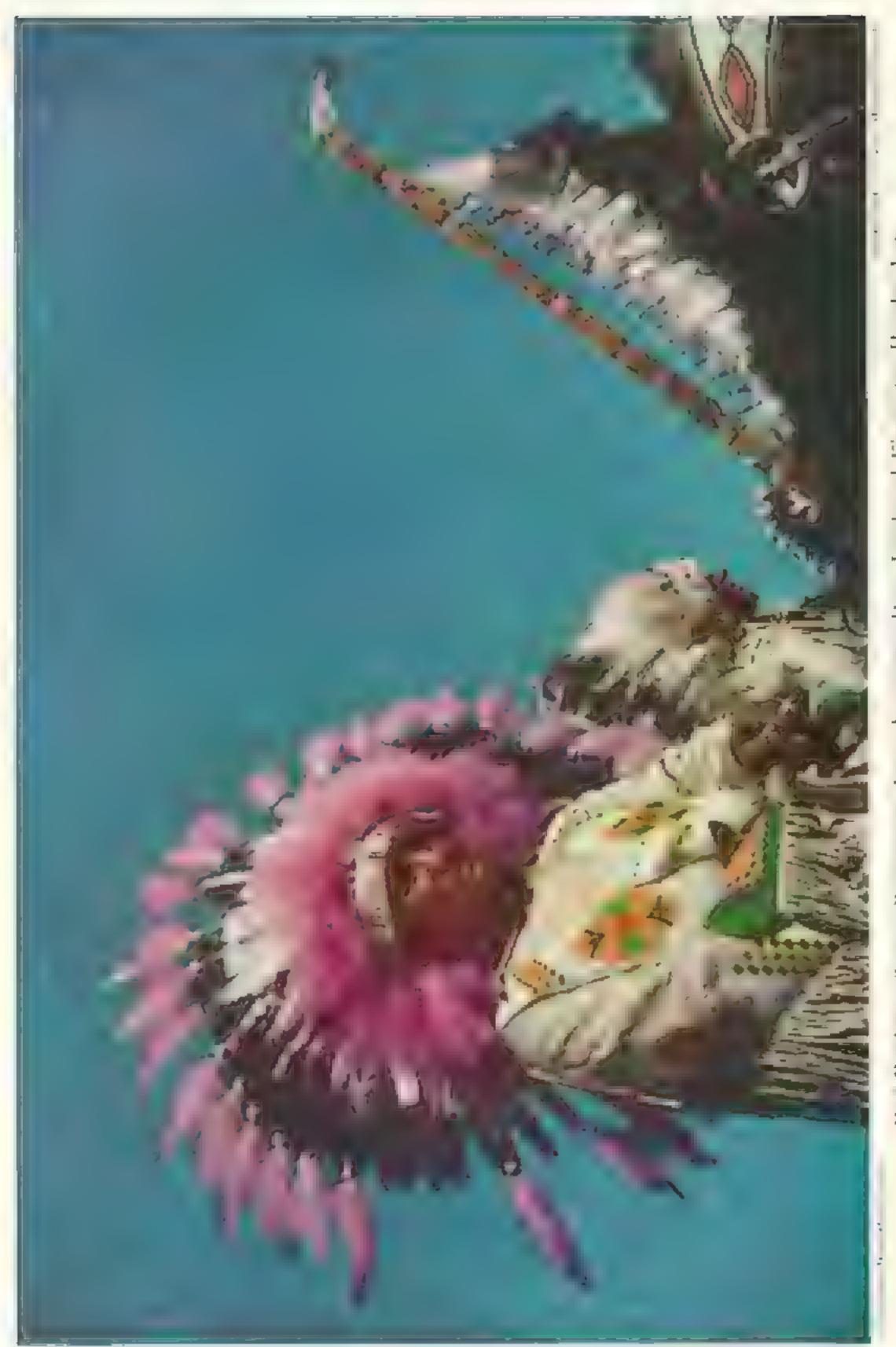




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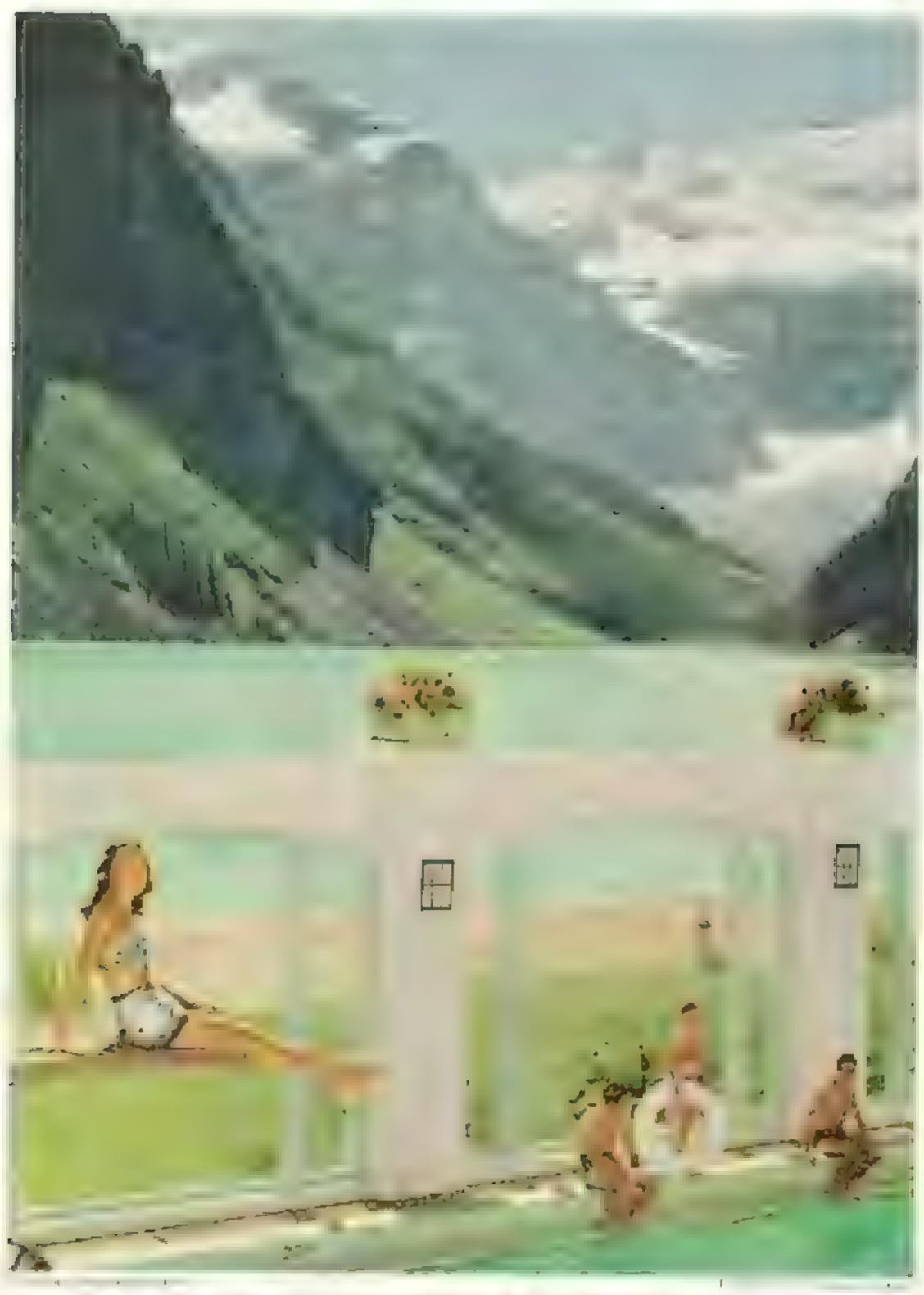


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The National Geographic Magazine



Hanted Port and Oless Server Greek through Warmtrike Lake Leases Greek Gazes; at ley Person to the first through the server to t

The guils were grazing up the slope directly toward me, still unaware of my presence,

Within 15 minutes they were within easy range, and I bagged them all—in movies. Then, while the girls yelled and waved their hats to seare them, I used up my remaining the as the flock made a dignined retreat, an old grandfather in the lead

Satisfied with the morning's accomplishments, we arrived back at the chalet for lunch, where we were met by Jack Brewster. "There's a party going up on the ite. If you want pictures you'll just have time," he said.

Fen minutes later I was driving down the winding spar road to the foot of the glaciet.

A party of visitors, newly arrived, were monthly their horses, tethered to a large rock. I knew I should have to hustle to get up on the glacuer before the horses. Without stopping to in pairs the best toute, I started off at a trut, camera and tripod on shoulder, happing over rivulers of sited glacial water flowing from Mount Athabaska on my left

Suddenly I found a wide stream blacking my way. There was no time to lose. A wild cap carried me over, but I landed in loose shale. Down into the icy water went first one foot, then the other. Crasa went the tripod, but I saves the capita at the expense of a bhooded band. My feet were soaked, but I now had a clear way up to the ice.

Fanting hard, I managed to get far enough ahead of the line of horses to enable my to obtain the pictures I wanted, and I fest west

rewarded for my efforts

Hydrographic Center of North America

Glancing up at the Snow Dome, another devil s-loos kind of meantain. I recalled that it is considered the hydrographic center of the North American Continent (page 773). The 160-square-mile Columbia (cented), of which its glacier is a part, is huge, consider to it is almost 1,000 nules south of the Arc. Costa With its ornings it wing to the Arctic, Atlantic, and Prome, it is unique in that now tere else on this continent is there so great a dispersion of water from a single source,

surprishiply, the Athabaska Glarier is not the source of the Athabaska River. Instead, it bees the Sunwapta River. Univing along the toad which parallels the latter, we passed on the wide gravely flats, brilliant with fire-

Here we found toundoned movie properties and buts used earlier that year in Bing Crossby's new production, 'The Emperor Waltz.'

From there the road winds distily upward, skirting for a short distance the edge of deep Sunwapta Canyon. The opposite wall, rising

thrist sheer several hundred feet higher, fromed down menacingly under its blanket of ice, gray clouds adding an awasome caldness to the scene. Far below, the infant Son wapta was growing apace from the rayriad cascades pouring into it.

When, an hour later, we saw the great volume of Sanwapta Fads, it was easy to see why so small a trickle could become a racing torrest within a more 30 miles (Plate VIII).

Augmented by the Sunwapta, the Athabaska Falls are even more impressive (page 776). The road had been closely following the elver, which as it curved around Mount Kersesiin had grown alongst 600 feet wide.

We crossed the highway bridge, parked the car, and approached the falls, guided by a tainbow playing hide-and-seck in a cloud of mist that mee up before as and, whipped by gusts of wind, wet our clothing. Through it, as through a filmy curtain, appeared a great cataract, plobging with a part into the very carta below our line of vision.

A closer view revealed two small cascades flunding the main waterfall as it thundered down into a raping, swirling on dron like some withis brew, boiling and obtaining with reaseless motion. And under the bridge the full volume of the river, already squeezed into narrow compass, was quarting through a dark canyon 80 feet deep and only a few feet wide.

Relactant to leave so exciting a spectacle, we continued steachly northward through fragrant place wits, following the swift-flowing river, and presently in the fading light we ensered the little town of Jasper,

We were up at daybreak pest tentaing, cameing on the crystalline waters of Beau-vert Lake in the grounds of Jusper Park Lodge. We were surrounded by glorious mountains, but to the south of us one in particular communiched attention.

In the loge destance, its summit hidden in the clouds, the strain of its rocky form asler to a hanging glacier clinging to its slopes, was Mount Edith Cavell, a trafe worshy manuament to bear such a name (Plate III).

It was massive, yet rebereal; folly, yet not fortunating. A year road leads directly to the foot of the mountain, and by notes we were standing on the terminal moraine of the Angel Charles, which chings to its steep slopes, and watching the gray clouds studding over it (Plate V).

For more than an hour we waited before the sun peoped through for a brief moment to set the ite asparkle. To our right, nestling in a verdant valley, glistened little Cavell Lake (Plate IV). Resolving to explore Jusper's scenae marvels another to e, we headed south once more and seached Lake Lenise late that night. The sensation of Leng in a vist mountain widerness was more acute to the dark, as we climbed and dropped, wound and turned along the narrow twisting read, stopping occasionally to listen to instituted unises—coyates howling, water splashing over rocks, pine trees tustling, in owl's boot, a marmon's whistle. These were not the sounds of civilization, and they laddeed a third of uncaptly solition, and they

Churm of Lake Laufse

The magnificent view of Lake Louise, with the icy bathdrop of Mount Victoria, is almost as well known as the Washington Monament, but its familiarity in no way detracts from its

pristure beauty (Plate XVD).

I saw it for the first time at 5 of a chill morning as the rising sun was tinting the tringes of the nu untaintups an exquisite pink. Condeally the light changed as it crept down Victoria's by face until the whole was ablaze with an orange glow, reflected tremplously in the surface of the lake.

Three hours later we were tiding horsehack along the high I rested trail along the valley's northern burder. The lake as we viewed it from above was a light opalescent green, like the Row River which its waters feed

The whole area within a radius of seven infles is crammed with eye-filling vistas. A make of trails leads to every accessible locality, whose fascinglam is suggested by their names

Paradise Valley, the Lakes in the Clauds, Horseshoe Glacier, Mount Temple, the Reebive, Scating! Pass, the Tower of Babel.

Now we were on our way to the Plain of the Six Glaciers, close under Mount Victoria. It was like seeing an Alpine painting and then being able to rule up into it. Our way agazaged upwords 1,200 feet to Lake Agnes, where there is a similarine objamink that deserves an "Oscar" for his performance in my movie. Then a long gradual resent through talk straight pres has ght us to the bare boulder-strewn surface of Victoria Glacier

brom the warmin of the trees we were sublemy in a cold land of forbidding peaks and glaciers. Across the valley Letroy Glacier and like a white carpet to the Mutre, standing alone at the end of a great corridor formed by Mount Aberdeen and Mount Letroy.

Intectly in front of us loomed the great wall of Mount Victoria. A crown of ice and snow covered it from end to end, and at intervals chunks as big as an otice building went plunging down its dark, precipitous face with a palse like a battleship's salvo.

The shoulder of Mount Lefroy Justed It front of it at our self, and between the two giant mountains were a narrow passage which led to Abbot Pass. Through it, at 3 is the morning to avoid falling ice, Swas guides take their parties on the overnight journey from Lake Louise to Lake O'Hara, crossing the Confrontal Divide form Alberta into British Compilit, from Banff to Yoho National Park

Having much heavy camera on ipment, we problemed to cross the Great Diving ay automobile through Kicking Horse Pass. We packed in from Warta Lake through the deep forest

trail in bowing Catara 1 brook.

Picture a small obline lake less than half a rule in diameter, with water of deepest green, its shores completely clothed with a narrow helt of evergreens, and a great mountan wall case in a l around. This was the scene that greated us as we broke through the trees after an eight-male rule.

At the far end a cliff rose abraptly, and it splashed the many-fingered cascade of son Sisters halfs. Behind it, like a sheer to open a Mount Lefron, its praceful glacier dazzling white in the summer samshine, com-

pleted the picture.

Next morning on the Opabin mentions above the southeast corner of the lake, accompanied by Leon, our 19-year-old guide, we note our stand bag borses with heads down, wind tearing at shekers and soulwesters, while some starg our faces and freezing hands. Peak of thurder reverterated among the notky peaks. So capricious is the weather in the mountains!

The warmer air at the lower level of the lake turned the salw to rain, the bush protecting mountains canceled but the wind, and in the gentle drivate we walted while Lam made fast our belongings to a skittish packborse with a one-man dismond hitch. Two hours later our dripping four-horse cavalcade klop-klopped slowly along the highway to the stable back of Wapig Lodge,

The Kicking Horse Route

We transferred our things to the car and within a few minutes were descend he the winding total through upper backing Horse Canyon. The strange name comes from an accident that beleft for James Rector in 1858.

Trun Wilson, the guide who discovered Lake Lumse, used to relate a story about this region

He was guiding a party of fifteen menthrough the area. They can out of grab and separated to bunt, agreeing to rendezvous near the provincial border at Kacking Horse Pass in the evening when they took stock of their ag they had only two partridges among



Some Demic's by Libyre L. Continues the Skiert He Tests Livery Josh for Charlesses.

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Unwickling Rocks Square Adhibaska Rock ist a Secting Culdren

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Takakkaw Edle, a Lies Ribber Plunzes (200 Leet II Tenes the Height of Niagara Decrease for the conference of the same to be a superior to be said to the opening that William I he said to the late and he had been presented



An Automore Bull Moose Scanters Within Chapters Short of the Highway below Moone Chephren

Low "And that."

and the is why they

doed in the Great
Divide.

The Kicking Horse coute through the moderaties is an important link in the transcontinental line of the Canadian Pacific Radway. The steep grade has been overcome by an increases proce of engineering

From a look at point we gazed down on the 21 tarkey for a Te grant to the comments rather effect or ende of like . This I dented into the Mount Onden across the valley, after a long straight pull up from kield. In a minute or two the train emerged from another portal a lettle to the left of the other entrance and ngher up.

It makes a keep of 2,922 feet in the two and in the second in the second

The Irain runded slowly along the muon-tainside, crassed a teidge above the wild Kirking Horse River or clow, and, curving, and first beneath as, traveling west

Where to now?" I asked my Informant "It goes back almut a mile, makes a similar begins to take it! Violance this ing so feet in Violance to a desire the add in figures. Then it heads back means Look up the mountain behind you? (por 1s)

or I then the two powered a received to the beautiful to the two powered as the two hands the beautiful feet alone as, handing their beauty lead eastward to finite, to await two more become lives with the next section.

From our Spiral Tunnels viewpoint we could look northwestward up the spectacular Yola. Valley, whose name is an Indian expression of wonder and delight. The probable Englidequivalent would be the "Ab-ba" Valley. Its 12-mile length parallels the valley of the 1- w



Lach Arrow P dots to a Towering Peak

Monte Temples 11,550-fer on the in the lackground in Parts by come Park the wegone and the Mark the upsetter (page 275). The esymposition of the Hans Japan 1980 of the lack the esymposition of the Hans Japan 1980 of the lack the estimated station.

on the opposite side of the mountain range that forms the provincial boundary

Rising in the Y due Glacler at the far end, the turbulent Yoko River, amplified by annumerable waterfalls transling from glaciercapped mountain walls on body sines of the narrow valley, races to join the Kirking Horse

We had full a portunity to appreciate the extent of the feet cids nestled among the surrounting peaks when, after a ride up the forested valley four to see speciacular Twin l'alls, we were returning along the high trail down the west side

t radied among the beights directly opposite us was a sen of ice that stretched north to join the great Wapta localed, source of Vinar Glacier, at the head of the valley, and of



A 3-year-old Horseman Wans the Coveted Dill-mile Braton

Monthly 1 of a long of the Canadam Rock of a long of the Canadam Rock of a long of the Canadam Rock of a long of the long of t

Descripted 1 May Charless in the other some of Mount News and the consequence of the 1981 of the sequence of the 1981 of the 1981 of the sequence of the seque

The Caractan and the paragraphs and the Caractan and the

White the second of the force of the first o

percupine 20 feet from as at the concept steadless for the car with the feet to the terms of the

He man on verice to section. After maneuver, g to get between here to the sun, I get a fine shot of him, big club-like tail beating up and the road—surely the world's fastest porculation.

The hadret gone lar when a bus, pouring forth tentials above will know that the test row the test row to be to be a formula was a very bus different was a very to a stable pine row.

solution, the reached the ton. From which to yantage point he surveyed the assemble of photographers with opporent distant.

Triving flown the Yell Ville Corner to the String strike the make the strike trial trial Monthland grows with an Atomorphic testing at once to

passed it commonse. Her tall ran at case to her side for protection. We slowed to watch a single of the latest and a case to seatch a long to distribute to each har can with a long tight leg, in the case of the latest and the side on passes of the latest and the side on passes of the latest and the side on the latest and latest an

Into the little that the effect Who all the transfer to the tr

Deep in the Heart of "Swissconsin"

By WHILISH II NE by 15

With Illustrations by Staff Photographer J. Baylor Roberts

John Pauli's milk track rumbled through the sibest main street of New Ulares, Wesconsin. Passing the edge of the village, it speed on down the State highway for a few bundred yards, then turned abruptly into a graveled sice road and thugged up a steep grade.

From my vantage point beside Paul. I locked out upon a scothing parameters of rolling pastareland and shorty groves. Here and there an entrumes dairy harn and site, with a house and small outbuildings clustered

near by, dotted the landscape.

A few miles from the eilinge, Paul brought list truck to a built before a bading pattorm alongside the read.

"Have to leave a few on pty cans here," he

-sith.

The matter stapped. Only the chirping of the birds broke the stillness of the country-side.

Yed then, as Paul, Legan to unlead his empties, I heard from over the nearest bill the numistak sides and of yodeling. I be ked acquiringly at my companion.

I lust a Switzer warbling for his cows," be "They often do it. You can't hear em

a a the motor's running.

America's "Little Switzerland"

That was my introduction to Wisconsm's land a tax and a little in and about New Glarus, Swiss colonists and their description's in the span of a century have transed virgin timber and mead we are one of America's richest dairylands. They have used modern mechanismand latest scientific methods, but off twiss costons and traditions servive.

Foday the people of New Glarus are 90 percent born in Switzerland or of Swiss descent. Green County, of which New Glarus is a part, is 50 percent Swiss. As one non-Swiss told me, "Here we do everything the

Swiss do except talk Swis-

Green County produces one-fourth of the Swiss cheese made in the United States. Perhaps as an afterthought, it also makes from one-fourth to nearly the-half of the Nations Limburger. And after theese requirements are taken three of, there are enough cows but in the New Glarus countryside alone to supply the Pet Milk Company condensery in the village with some 420,000 pounds of milk daily in the flush season.

The state of the s

came its pioneer settlers.

In 1845 hard times befoll the Glamas. Food was scarce, apportunity was limited, the Canton was even towered. So the townspeople, in meeting at Schwanden, decided their only hope was to encourage emigration.

They formed an enigerious society, appropriated 1,500 guiden to back a colony in the United States, and raised more funds for

the purpose by public subscription.

Nichelas Duerst, 48 years old, on i bridgin Streeff. 29, were appearted to find a location for the rollary. On Mumb 8, 1645, they saded for New York. Upon advice of a fellow Swiss, they met here, then wandered about Massouri, Himois, and Was onsin trying 6, beaute a site.

After days of broiters search, they came to the how of a hill in southern Wisconsin and saw before them a country-side of rolling hills and pleasant valleys. Springs abounded. The site was not for from a mad that was frequently traveled then by miners carrying lead one to Mineral P 'et, 33 miles away.

Diserst and Street laked he region. They purchased 1,200 acres in one tract and 80 screet (woor land two miles cistant, and began

to build a calum-

In the meantime, 193 persons of all ages and both sexes enrolled in a d Glarus as members of the new colony. So pathetically enget were they to be on their way to the land of promise that they left Switzerland too some just a month ofter Buerst and Streak had deputied.

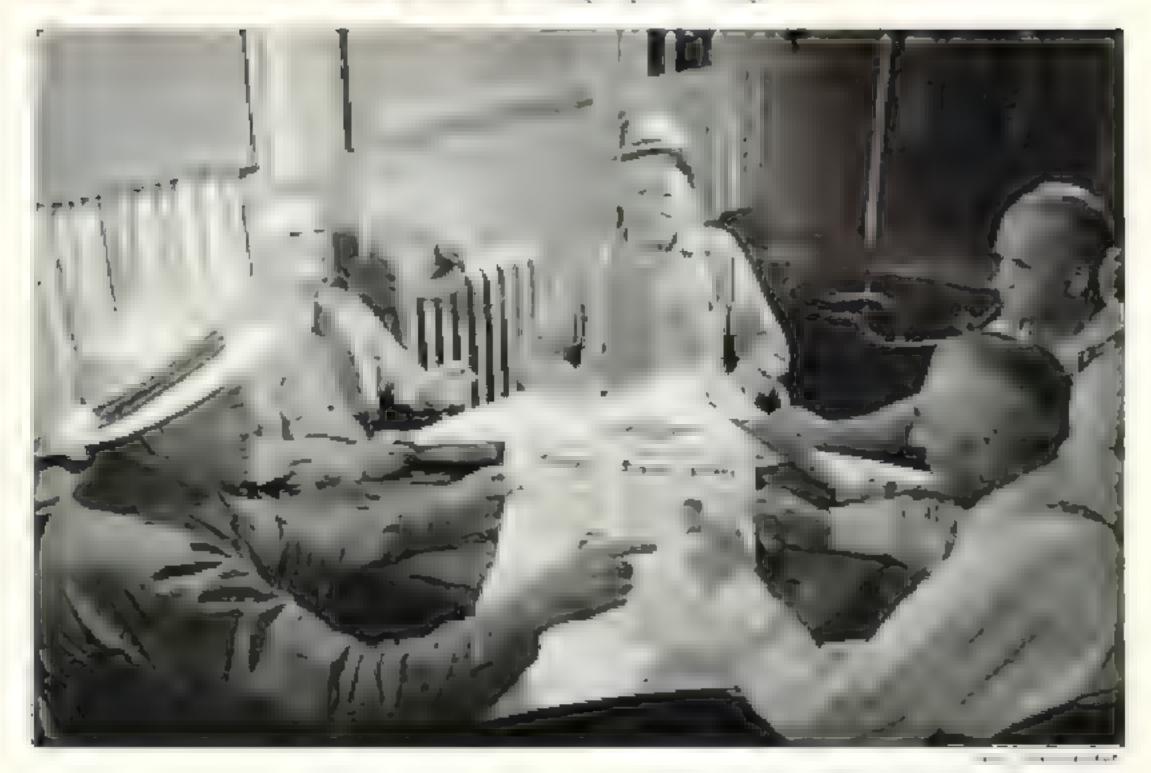
For 30 rays they fourneved by way of the Rhine to Nieuwediep (Dan Helder), in the Netherlands, and boarded a ship there board for Baltimore. They reached the Maryland

port after a stormy 49-day voyage

Over the Mountains by Canal

From Baltimore they "took the cars" to Columbia, Pennsylvania, and from there rode over the Alleghenics on the old Pennsylvania Cand to Patisburgh

Next leg of the trip was by barge town the thio to Cincinnati, where the emigrants transterred to a steambout which took them on to St. Lanis. There they had been door ted to



When Day is Done, New Glarus Swiss Relax in a Village Tavern

Harrison to the second of the factor of the following the factor of the reserve and an explicit and the first of the first the forest programmer to the color of the I at one miles of white I.

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34 Mar appr River but the pair went to Cale at Illian as the teas the typical pipes part where they have that Doerst and Streiff had gone norm. They were placed to the rladand office at Moeral Point

There the siscovered for the regissaries had published lated to the total title through the first communited by a factor to how his a care to find them. A few days is a livery room or a bend and the learn and the ix, rung upon Don't at leach barbhar for reship.

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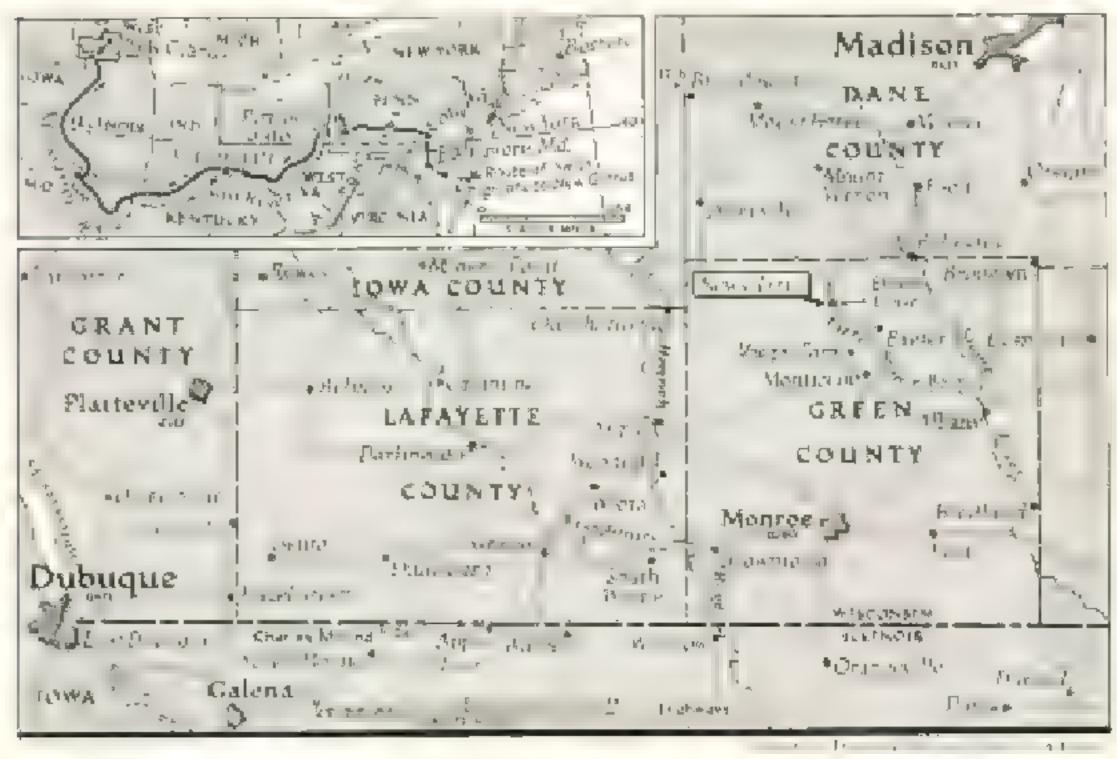
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New Glaron Swiss Help Make Wisconsin America's Swiss Cheese Center

Twenty are contained a property of the State capital. Sweet pieners at century ago carted a property in the fact of William of the Telephanical of the Lands of London Republicant of New Idams in Swissborn or of Evers parents in.

Then I egan a struggle for existence. Land was apportioned as in Switzerland —60 into of 20 arres each, to cach head of a family. A so not pass, and ketters, brought from Sarzerland, did duty for ad. A big rude was to the topic and in it dwelt all the families until Individual huts could be exerted. The colonists' saft land variously land so they had a plows or ozen.

The winter of 1845-45 was a nightnure. Many of the men went to work in the least many of the men went to work in the least many at a seter and Mineral Point. Pay was 40 cents a day. Womer, waterd to Moure, 18 nules away, did housework for three or four cays, then took their pay in Jour of orly hopes, carried home on their banks.

The colony finally was able to buy four yoke of oxen, which were used by the planeers in turn to help break up the land for planting of wheat.

Cows Come to New Glarus

In the nick of time, friends in old Gharas sent them a check for \$1,000. In the spring of 1856 some drovers from Ohio brought a light of cows to Exeter. The colonists at-

tended the sale. Expert judges of cattle all their lives, they bought the best animals in the herd—one for each family at \$12 each using part of the namey sent to them from switzer and

From 1846 until 1850, progress was heart-breakingly slow. Then the Crimean War raised the price of wheat, chief or prof. New Glarus in its early days and prosperity arrived. Stories of the colony's success were carried back to Switzerland and additional enugrants arrived, many of them well supplied with capital.

The Swiss colonists turned to making cheese when they bought their first cows, and soon were selling small amounts of their homemade of what in Mannes.* The hasiness proved profitable after the close of the Civil War, and with the subsequent decline in the price of wheat and the rise of dairying in Wisconsin, New Gargs began to buy the Joundations for its present-day wealth.

In November, 1850, value of taxable property in the township was \$8,915. Twenty-six years later it had jumped to \$323,990.

*See "An Argust Surv. in Countries." by Michigle Bell Georgepor, Narroual Mechanic Medicine August, 1946 Cash deposits in the Bank of New Glarus

now are sed \$4,000,000.

The butte butk mans Publis track traversed the better I was able to an lerstand the soundness of the century-old decision of Duetst and Street. I saw at close quarters some of Green County's nearly \$3,000 milely cows—nearly all of them Holstein-bresinns—quantity producers averaging pell over 7,000 pounds of mile a year (There VI and page 795).

In some of the barns womenfolk helped the men. In others, boys back from the armed services but returned to their form duties. But scarrity of help was still so critical that some dairy farmers had turned their chip pasture had over to Hereford beef cathe, because three polaries do not require so much

Attention as dairy cows.

ht one farm a young man with a handcart trundled half a dozen milk cans down to a rewaiting truck. Pauli introduced me

"Eve brought you a farm bund," he said.

journally,

'I'll take him," the furmer replied, in like vein,

Back on the road, I sali turned to me in

his forthright Swiss way,

"He would have taken you, too," he said cornectly. "He'd take anyone. He's desperate for he.p."

Holsteins Work 7-day Week

Pauli has driven his milk reate for 17 years, seven days a week, with only a few days off during that entire period. His "patrons," the dury farmers, also work seven day a week, and the left Milk Company condensery in New Glarus, to which he takes his heavy loads of filled cans, opens its doors every marning of the year.

Helsteins just don't understand grout Of A, the Wagner Act, the C1O, the AFL, or Cuagrest, one Swiss farmer told me. "They have to be milked seven days a week, and you

can't let the milk stand ar mud, e ther."

As our lacen truck came back to the State likeliholy on our first trip of the morning, en route to the condensery, we encountered lively traffic. It's trucks like outs, small ones, and passenger cars with trailers, all were converging on the condensery with the morning's milk.

We took our torn le line. In a few moments we were at the receiving platform. Fauli called his cans one by one onto a conveyor, and they disappeared through an aperture into the building. Before his last can left the truck, the first ones were emerging on another conveyor a few feet distant. They were empty and but to the tourb, after having

teen washed and stramed in an automatic cleaner which even replaced the tops.

Ray Frederakson, manager of the concenscry, invited me inside to watch milk being

There is a difference between evaporated and condensed ralik. Evaporated ralik is natural cow a milk from which about 60 percent of the water has been removed. It can tains no sugar and is sterilized in cass.

t'ondensed milk is of two types—plain and sweetened. The first is perishable, for it is concentrated without the addition of sugar and sold in unsealed caus, mostly to food manufacturers. The sweetened type, the kind home-waves buy in procesy stores, is concentrated with the addition of sugar to preserve it; therefore, no sternication is necessary.

The only way a visitor can see a drop of talk, after it disappears into the receiving that is by booking through small windows in the tanks. The milk never reaches the air again until, in your home, you open a can

containing it.

If you holled two gallors of milk in an open kettle on your stove until but one gallon remained, you would have evaporated milk of about the same composition as you have in rans. But it probably would be scorched, partly congulated, and scummy. One secret of making good evaporated milk is to evaporate it quickly at low temperatures. In a vacuum, milk evaporates readily at 125° Fabreobelt.

from the receiving vats I could follow the tailst pipe line, first to tanks where it was prebeated to 200° partly to retard bacteria growth; then to the vacuum tank where it was evaporated; next to the homogeoizer, where the butterfat gloriales were broken up into microscopic particles.

Then the milk flowed to ingenious machines to meet the containers. As each small can rolled into position, the machine forced a precise quantity of milk through a small opening in the top, and then placed a drop of solder

over the aperture to scal it.

I watched one of these fast-moving machines fil. 160 cars of \$445-cance size in exactly one minute. Sterdizing, couling, packing, and shipping completed the job.

At the height of the season, the New Glarus condensery produces an ugh caus of evaporated milk to fill four freight cars every 24 hours.

Bassy's Milk Reflects Her Habits

Bacteriologists check samples of milk from each farm's daily output, and analyze butterfats and solids. Prices are based on



New Glar is Raisen This Monumert of he Memory of Its Swiss Founders

The contract the contract of t

Implement content. A standard is set, and farmers whose mak exceeds that standard

receive il prompioli.

Evaporated wilk radst he of uniform quality; so the whims and habits of the cowe suppaying the raw material mast be watched and allowing pale for them.

Type of pasture, transfer from barn feeding to pasture, other changes in Lossy's mode of living, all are reflected in her milk

Many of the milk trucks on the highways around New Glarus are bound for the cooperative cheese factories, large and small. Although the number of individual plants has dwindled through the years, production d theese has increased by leaps and bounces as eperating points have grown larger and more minima. Green County is 1945 burned and about 17,000,000 pounds of classe. More than 13,000,000 pounds of this was Swiss r beese

I visited a modern plant on the outskirts of Bellevalle, a listerat to New Charas, to see Swiss cheese in the making. This factory is owned by a group of latmers and operated and managed by George Anderesg, a Swissbuth theese expert who turns to New Glatus on a vist about 20 years ago and liked it so well be stayed.

Anderegg's factory in this book season makes 11 wheels of Swiss choose a day. Each wheel weighs more than 200 pounds. Some

reach 235 pounds (Pite VII).

I watched milk direct from the farms go into huge kettles, each holding about 3,300 pounds. Then it was beated to a temperature of 122° Fabrewheit. The cheese makers at dectennet extract, of taiged from the stomouths of young calves, to coagulate the milk, and also introduced a bacteria culture into the hatch. which was then thoroughly stirred and agiterest mechanically to separate the curds and whry Plate VIII.

An Accidental Discovery

Congulation of milk with rennet extract is an agg-old process, probably discovered by accident. Ekins and stomachs of animals have been use las containers for centaries. Legend tells that some ancient benisman paired that malk compulated when it was carried in a bag made from a calf's stomach,

When a batch in one kettle was completely septotated, the cheese makers gathered the curds in a big cheesecloth and moved it by chains along a conveyor to a pressing table (19ate VIII). There they put the bag of curds into a round wooden form, or wheel, and pressed out the water and whey remaining in the mixture. Chaths were changed repeatedly

during thus drying process, and within a few hours the wheel had taken form sufficiently to be been led. But missing at this point were to the rind and be he

Next the men carefully slipped the big wired into a year of brine so concentrated that the heavy cheese floated upon it. Every day for three days they inspected it there, wastiing it thoroughly in the brine until the haid

formed (page 799).

Anderegg peak task me into a lig buth where two or three dezen wheels which but o mpleted their tirme buth had been stored for several days in a temperature of from 65" to 70". Here the bacteria culture was at work, acting much like yeast in breat dough and forming, by outstal fermentation. the bales, or eyes, for which Swiss cheese is famous (page 797). The calture also helps to give Swiss cheese its pleasing baselant flavor.

During termentation the ble wheel begins to brige. It must be removed to a cold storage more at the proper time or it would burst. Cold attests femmentation. In cold sterage the cheese ages for a minimum of 60 days. preferably longer, and then goes to market.

Cheam is an important by product of a theese factory. After the curds are removed from the kettles, the residue is passed through a separator and the cream thus obtained is

sold to rear-by creameries.

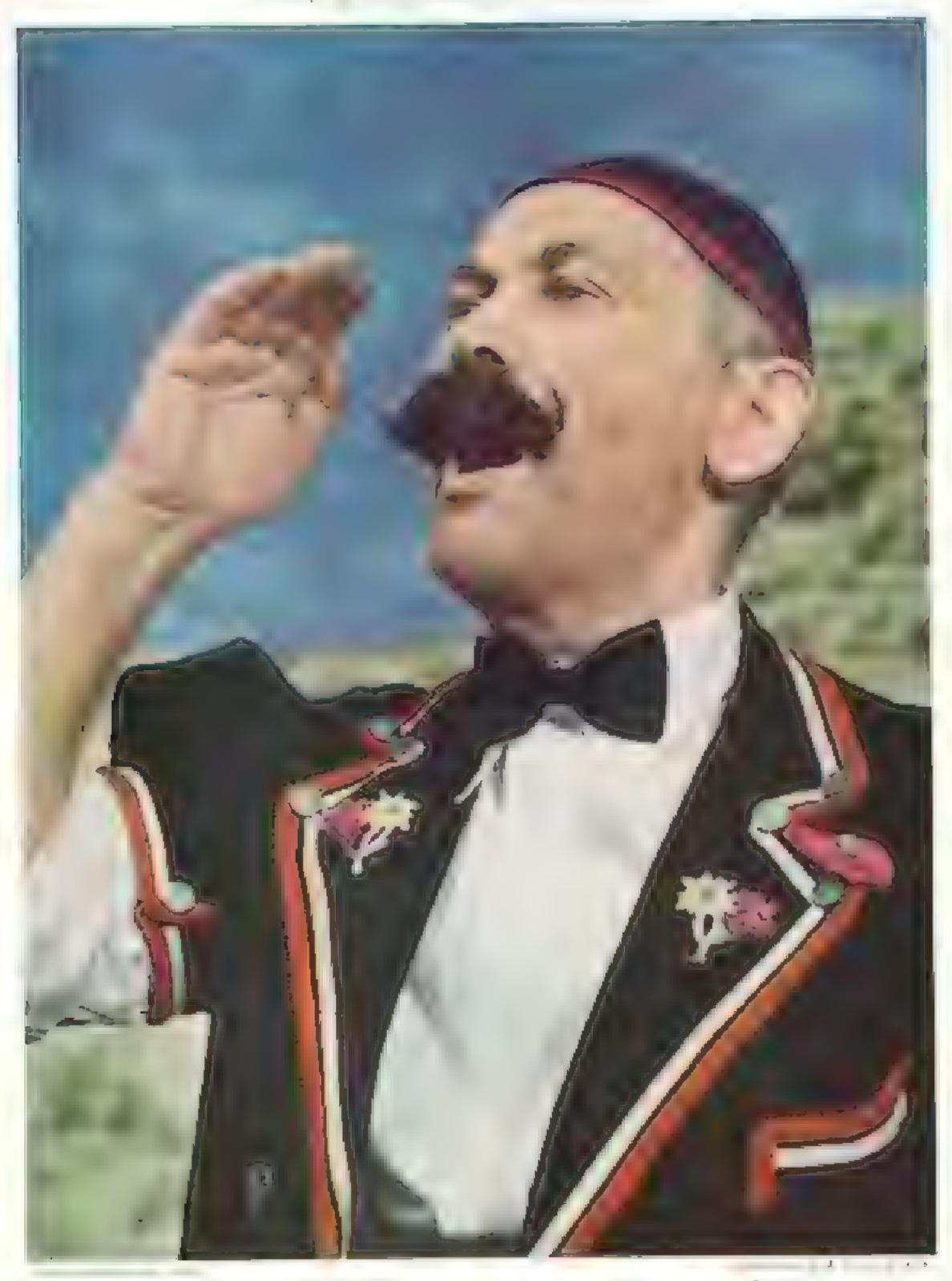
"Now you have seen a modern factory." Anderegg told me. "How would you like to see an old fashioned one?"

We walked toward his car to be greeted en mate by a bounding Hoberman pinscher.

"Meet the corporal," Anderegg sald, and I greeted the frien By, exaberant deg. "He's just tack from the wars. Served with the Marines in Japan, saw action, and was prometed to triperal. I get two letters from men who handled him, both praising him highly. And there's nothing feredous about him now. He's glad to be home, I guess."

We drove across country to a point between New Glarus and Monroe. There on a hill stood an chi building which served as factory in front and home in teat. Less than half a mile away, he front of a farmhouse, stands a bronze tablet marking the site of the log cabin in which the late Senator Robert M. La Foilette was born, June 14, 1855.

Presiding over the one-man, one-kettle cheese factory was Fred Machleman, a rotund and joyoal Swiss who came to the United States 35 years ago (page 795). He operates the plant, owned by six farmers who supply milk six mouths of the year. He nukes cheese twice a day. In the wintertime when milk is scarcer, he sests from his lapors of the summer.



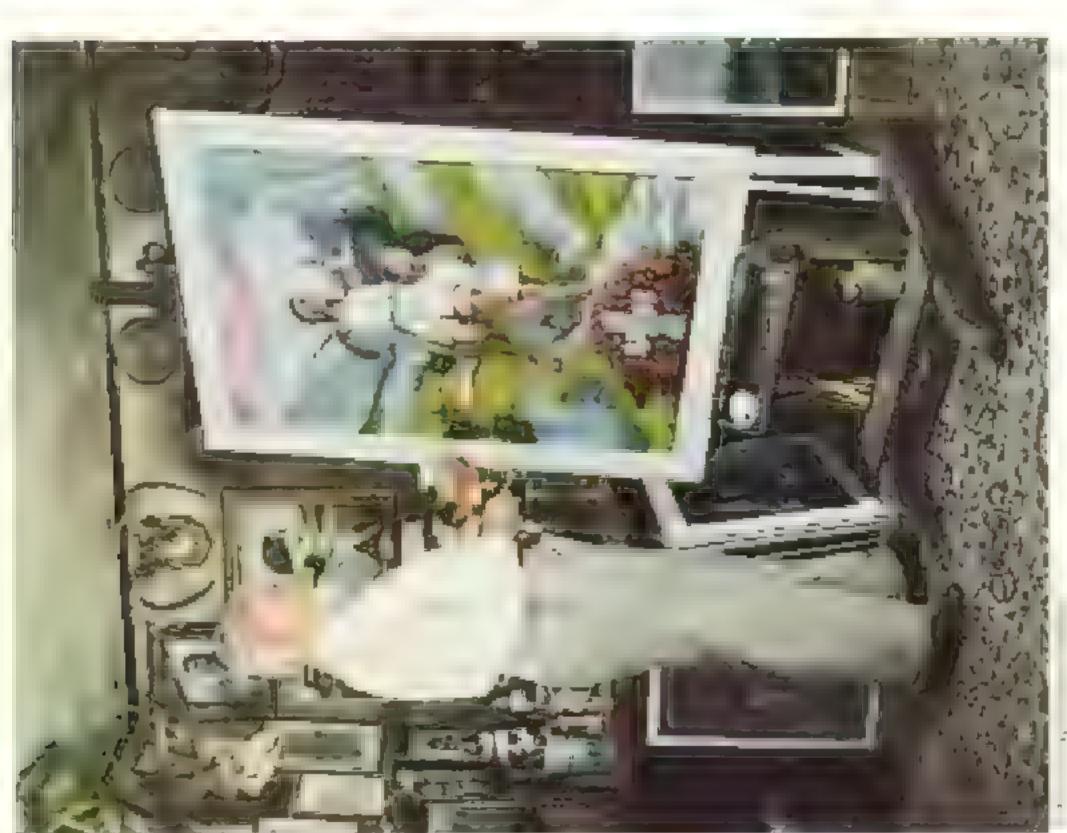
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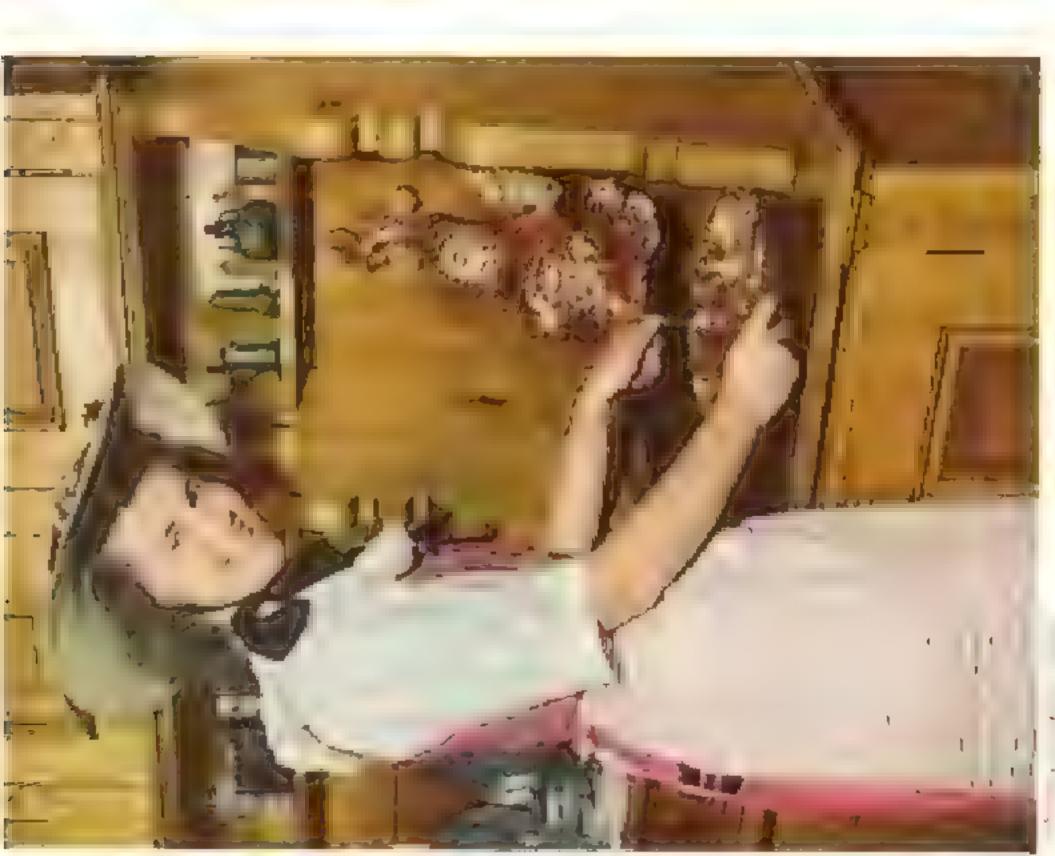


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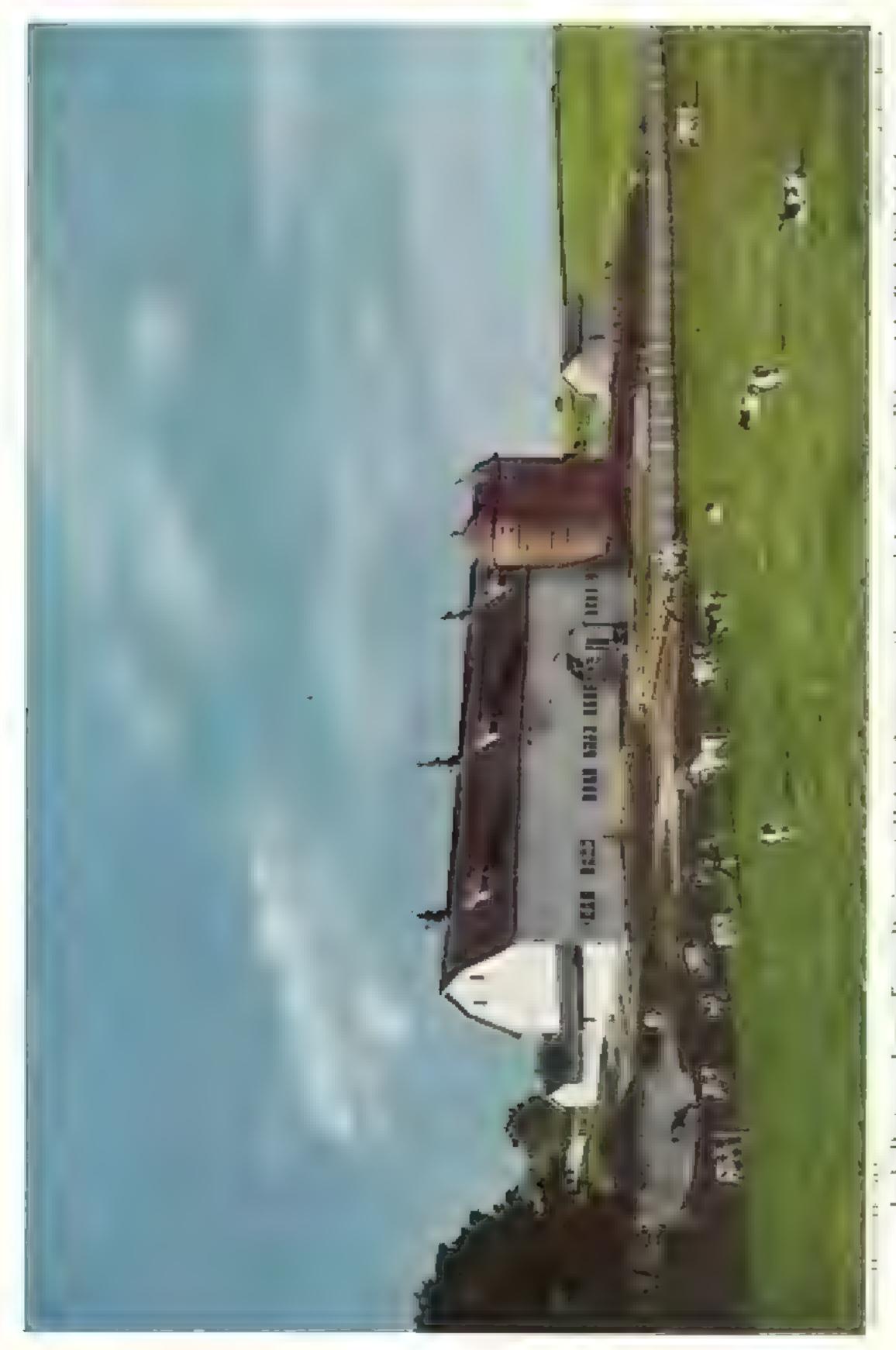




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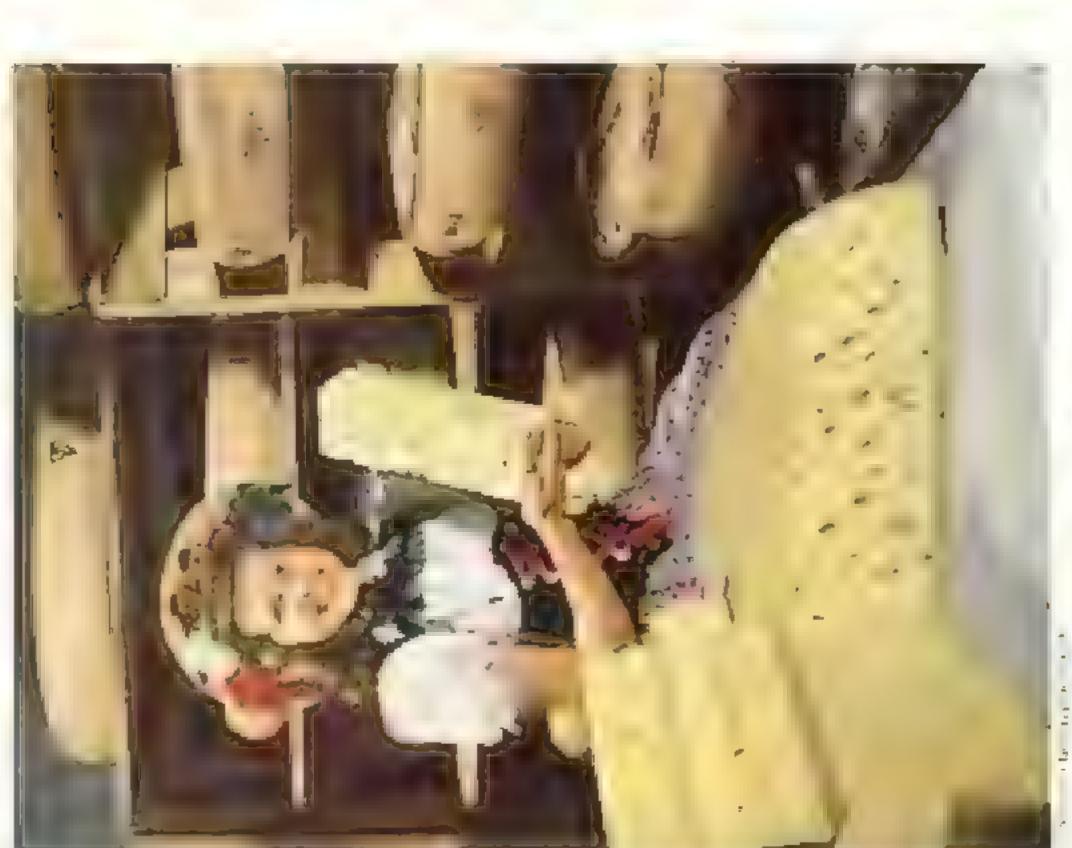
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America's Brown Survey



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The National Geograph . Marris



With a "Swing Horp" He Cabes Cheese Curds Portning in a Ton of Milk

2 of for consulators and forcers of time, which will produce the botes have been a idea of the interest of the consulators and forcers of time.



By Corn Deed, 31d Periods of Cords Control Kettle to Pressing Libbe Color of the Color of the Self of

Much leman was making brick cheese, a strictly American variety, when I arrived, Mix lag and agitating were accomplished with land-operated padules and other imperacute. He removed the curd from the kettle, placing it in how molds each about a foot long and a cinches were, to be present for 24 and is.

When the cheese taxes form it is removed from the moids, salred by hand, and put in the curing room to ripen for a minimum of 60 days. In the curing process it develops a

sast number of small eyes.

Homsewives Protested Limburger

New Glarus's first choose factory, as distinguished from the choose-making units installed by the pianeers in their homes, was built in 1870. By 1884 the town was making 800,000 pounds of choose a year, but threefourths of it was Limburger. The choose makers moved their product by wagon to Monrie, then as now the chief distributing point for the county's choose.

Protests from Months hunt-owives are sewhen the aroma of Limburger penetrated their bornes as the Swiss waguns passed down the streets. Schoolchildren held their mass. That Limburger brought money to Montoe as well as orders, and the traffic from New Glarus

went unto lested.

Tuday Swess cheese reigns, and Monroe heralds itself as the 'Swiss choese capital of the United States

Pride of Green County is its nearly 51 000 which cows and 22,000 bulls and calves Nearly at the freedund is devoted to their upleep. In return, the cows gave 308,900,000 points (171,000,000 quarts) of sulk to their

owners in 1945

About 95 percent of the cattle are Holsteinbrasians, a type which originated in the

Netherlands (Plate VI).#

Although outnumbers, heavily by Holsteins, brown Swiss cattle have a place in the hearts of all the Swiss durymen. Thus is why even Holstein maners advise visitors to see the county show place, the Vocateli Farm south of New Glarits, with its magnificent herd of Brown Swiss (Plate VII and June 795).

Descendants of cuttle from Canton Schwyz in Switzerland, they are striking in appearance and range in color from dark brown and gray to lighter spades. More than 100 head make top the beed, which includes many show ani-

muls and robbon winners.

Not far away is the large farm of Elmer Stanffacher, with its graded bord of some 150 Holsteins. It was here that I hest noticed strips of green grass in the pastures which were much darker in color than the criticary grass in the same held.

"That's where nitrogen fertilizer has been applied," Stauffacher told me.

Nitrogen Popular with Costs

This territizer, which is becoming popular taken over 18 am anumorism narrate, carrying about 33 pounds of nitrogen in 100 pounds of the mixture. When put an pusture rol 1 makes the analysis and also makes it more paratable and ticker in protein.

"And the cows love it." Structurcher said "They walk from one dark-green strip to mether, skipping the grass in between. Once I accidentally burst a sack in the field, and a large quantity spilled. I scooped up what I could and spread the rest around with my boot in a little patch. The cows soon found the spot, and they liked the nitrogen so well that where it had fallen they liked up the grand to a depth of about six inches."

The beauty of the ruling countryside around New Glarits is apparent to anyone, but much of the charm of the village itself is not so obvious. Its main street, through which muturists pass on toute to Madison of Mouroe, is not much different from that of any other Midwest town of a thousand population. But Swiss background and tradition on pout aplenty for anyone willing to explore

as quiet streets.

A block from the main highway is the Chalet of the Golden Fleece, a charming as thentic Swees chalet designed by a Swiss architect and built by Edwin Barlow for his home (Plate IV). Two inscriptions in Octmus Swiss grace the laquide. The one above the windows of the during room reads, translated:

"This house is mine and yet not mixe. Now will it pass to him who follows me. Wou I that I knew, my God, who just therein shall

dwell "

Over the upper hedroom windows: "Year home is where you are happy to welcome your friends, and discuss late when they leave."

The originals of these inscriments in a 400-year old chalet in Bern Selle in the

Within, many of the exquisite furnishings are Swass, acquired by Mr. Barlow during several years of residence in Lausanne (Plate V). Others are colonial American.

On the main street stands a tavera with a drab exterior in t with pleasant surroundings within (page 782). Un nearly any attempon

*See On Gres Weconsin." by Ghraelle Smith. National Engineering Magazine July 1957

p likehed by the National Geographic So lety



Dieles Rollie, at Fage, knows How to Feed a Heiler

L. of exercise to Green County Wise in a factor of the Donath of the County Cou

or even us. I can find the other men of the village here. I proved in the classic Swiss card game of the s. Tallies are applying slates, thumbs serving as was as. More of these veteran Swiss are retired dairy farmers.

Kilbi-Day of Lumb and Mutton

Big boliday of the year is Kilbi (a correction of Airchaeille, or "church hallowing"). It fails on the last Sumbs in September Primarity kalbi is religious. The Society of the edicated at morning pervices (page 785). But after the office on Kilbi is traditional. The Society preceding Kilbi is the only day in the order preceding Kilbi is the only day in the order of sew Glarus butcher shops sell either or bor matter.

fivery Saturday, however, the batchers sell, in the series of the contract of the saturday known as Kathern sest, of the saturday,

thather New Glarus from part it in a second when theese made of Al, no let sond when

the red-brink chartch with its high Got a windows, built in \$900, stands on a knoll in the center of town. Here the first log church was mult. It was replaced in 1858 by a stone bollding which tost \$1,950 and \$300 days a work by members of the congress too.

In 1900 the tendency in New Gaugs was to forget the old; so this historic church was torn down. Dynomite was used to blast apart the six-foot-thick walls, and the striking square tower a remounded by a dome was done well towed. But the bell, cast in Mawaukee in 1850 was preserved.

At the contact to need. Nicholas Door of the particle the content. Nicholas Door of the particle the sides of whose reddish brown particle to inscribed the names of the original setters.

Members of the New Glarus church



Bluve to Where the Holes Are Made in Savies Charac



Fresh Milk Pours i to a Ope-men Chasse Factory

Found to the second Western Design of the Mount Version, Western Design of the make the plant and supply the make the second of the plant and supply the make the second of the plant and supply the make the second of the plant and supply the make the second of the plant the pl

preserved a quaint custom of Canton Glarus for many years. At the close of Sunday services, the men case and remained in their pews until all the women had left the building.

The custom originated made than \$50 years ago when the bwiss were at war with their butter enemies, the Attatrians. A company of last an allow that their had to all the form of Matels, in Glarus, on a Sunday term. At the house of the people with the house that the form that the people will be here. In the people will be here that the form of the people will be here.

a arm. Wemen rushed to battle alongside

their mentalk, harling forms at the enemy, and the street of description of the street of the street

From then on, women were granted the price-lege of leaving church first in recugnition of the r deeds on that his toric day. The custom was not abandoned in New Glanco until shout the time of World War I.

New Glarus Swiss Love to Yadel

Swiss wastling is preserved by the New Glarus Yodel Club. Walle I was in the village, the club was getting ready to fly to Cleveland to participate in the National talk Festival there. I was well repaid for atbearsal.

The yodelers needed no printed music. Ad but two of the dozen in the group had learned the old warbles, the only tures used, in their two members, it but their two members, it but their parentage, had been the group belongs because he lives to you del. The barmony obtained by their com-

bined early is inspired. One of the traditional Swiss points are composed centuries ago at the foot of the Jungitud (Plates I and II).

Schelarly looking John Furrer, one of the two solor's, came to New Glarus a score of years ago. Now he lives in Madison, but he is to be to the solor of the color of the solor of the solo

Capas You the other solicities rything New Giff above and the Norwall Navy during the wire like heart I to you do not solicit and has been also have exercised and a solicity you define to his cows.

Radi Burkhalter, the leader, came here for the Switzerland in 1938. He specializes in sounding the club's 16-foot Alpine horn, This massive instruction, I his massive instruction, I was hought for the yodelers to the venerable Car Mary, retired "cheese had and self-taught in Maratoe (1914). Hill

then serves by blowing a son them and hearing the made by blowing a son them and hearing the meanth the mountains. So had been is boll week with a pocketkante from the trunk of a sm. I mountain pine which has grown out of a crevite and turned skyward, thus giving to itself a natural carve

True to tradition, Butkhalter limits his playing to the notes of a chard, because matterial ech est resolution to the first notes of an alpine horn, putst harmonize with outer as they are played.

The deep, resonant I me it he club's huge horn, coupled with hat-monious background

tones from the yadeler, themselves, more a thrilling effect.

New Chrus also i intants a Manace & community and sures full songs

Crowth is achieve cent in the preservation of Swiss tractition or New Glarus is the community's presentation each year of the William Teil Pageant, Schiller's tariffing portrayal of the Sacratic Community of the Sacratic Commu

Mr. Barlow (page 19-5) conceived the of this community effort and has done ted the pageant with Labor Day (in German Swiss) since 1948. Two casts of principals are required, one English-speaking and one Swiss-speaking. The pageant takes place in Elmer's Grove.



Salt Baths I orm the Rind on Swiss Cheese

The wheels go dote its true to the total are control to the control to the control total are control to the control total are total are

Nearly everyone in the combunity takes in Robusts are held after evening milking hours, so the farm people can attend. The lay ship is amost of authentic design, are the result of munths of work by men bees of the Ladies! Aid Suciety of the Swiss Evangelical and Referenced Church, aided by other names of the community.

Unheretten Wenr Swim Commen

there's were arranged by New York authority on folklore. Fretty girl ushers an fressed in the native costumes of each of the Cantons of Switzerland (Plates IV, V).

Patrons and patronesses include Mrs. Franklin D. Roosevelt, the Swiss Muniter to



New Glarus I wastelle Peatres William Fell and His Family

State of the extension of the state of the s

the other States, Whenhouse Covernor I refer States Sender as, and home, a daily

Under Mr. Back with the common of the area with professional shift from the model states in the Malanes on the section even by the even of the test."

"Pop Coas the Appra"

Of course on the first questions exhalt increases in a treatment of the first of the following of the William fellowsky should be a toler of the same of the same

If what, exalted the ment of one are enteringed for the following the same of the same of

Mag. New Glams Swiss are constraint of less, but, after all, there was only one William Jell. No New Glams swiss pro-

price is a contract to point print.

William Tell reseases an empty bow. The har there as I have about the appropriate the appropri

The is a most dramatic scene. It is and, it as easily agreeme before all the arises—the throngsmort sed on this masked has William 1915. The way I will be a country.

Test released the tree to another the grant and the bound of the proof

Almost instantly be rose and pour lip and to view—the wrang apple. The process was not there from William Tell had read a less out.

Endeavour Sails the Inside Passage

By Amos Burg

With Illustrations from Photographs by the Author

I HAD not seen my ship since Pearl Harbot, it was a correspondent to be a regular to be seen against her student cold to ber.

I had come back now to sail her from Citympit, Washington, to Cupe Spencer, Alaska a thousand-mile voyage among the forest-covered mountainous islands that shelter the last e Passage

My first not abroad was to throw her hatches open to the winds and the warm June sun. With her teak decks beneath me, I felt one more my Norweglan ancestors' yearning for distinct shores.

The ship had braved the brenkers in Coast Guard rescue work on the store-threshold Constitut River bur for 19 years before being consumed in 1929. Purchased then by Capt. O. P. Ranket, a bar pilot with whom I had sailed when I was 14, she had emerge I from his loving hands a thing of beauty, with nine hardwood compart nexts and cabins, a spince must, and trim tailored sails.

traptain Rocker and I together had named her Endeavour after Capt. James Cook's from ship of exploration. To me had failed the desightful lot of saiding her over the great waters until World War II interrupted her career.

Mark's Tul a Good-back Talisman

Now, in June, 1946, after three weeks of overhauling and painting, Endeanor was again a fine lady with a shark's tail on the end of her Lowsprit for fair which and good forture. Crowning her cockpit was the Plexicles nose of a Flying Fortress for protection from run and spray (pages 803 and 824).

The stores were moved abound. My four companions followed—a man, two boys, and a deg.

In start farthest with in the Inside Pressage, I packed fundearmer's stern up into the Deschates River in Olympia. Her whiching screw chewed up the trie-flat mud and kicked her porthward through is not inlet.

Less Im n on hour after the start, the Washaton State Capital in O ympia was lest to yiew astern. We riggaged among islands of all shapes and sizes, the forested tops of nountains partly submerged by the sinking of the curtinental shaft. Sounds, passages, inlets, and bays extended their salt waters in every direction (maps, pages 806, 837). With the protractor I laid out the compass courses. Plants of steamers from Olympia to Cape Spencer use 258 courses. Almand Exception we were to steer many more as we explored obscure cover and cut close to the irregular shares for intiquate observations.

A Tracke Jam in the Cabin

Our load of five menths' supplies and equipment made a traffic bottleneck in the main cabin. John Trout, Endeavour's chief mate and chef; the two lays, kod in and Sanford, and King, my family's Belgian shapherd, late of the Army K-9 Corps in France, had to maneuver for sitting and walking room."

King slept on the thor, his head, tad, and less jurting out like points on a startish Almost impressible to award, he was stepped on so often that he finally howled on general principles wherever a fort landed near him. Awake, he maintained an irrepressible courier service about the docks with sticks from the wood box, while my stery and adventure comics it wed artesianlike from the boys' knapsacks to add to the latter.

Coursing through Balch Passage along the southern edge of McNell Island, we haded at the grow Federal penutrary and wonderingly recalled at ries of spectacular exapes.

The Narrows led us through a fleet of hand trollers off Pedrance Point into Tazoma's Commencement Ray. In twilight we steered for the yacht harbor by the tall, smoking stacks of a smelter tenning ore for the United States and moreous foreign countries.

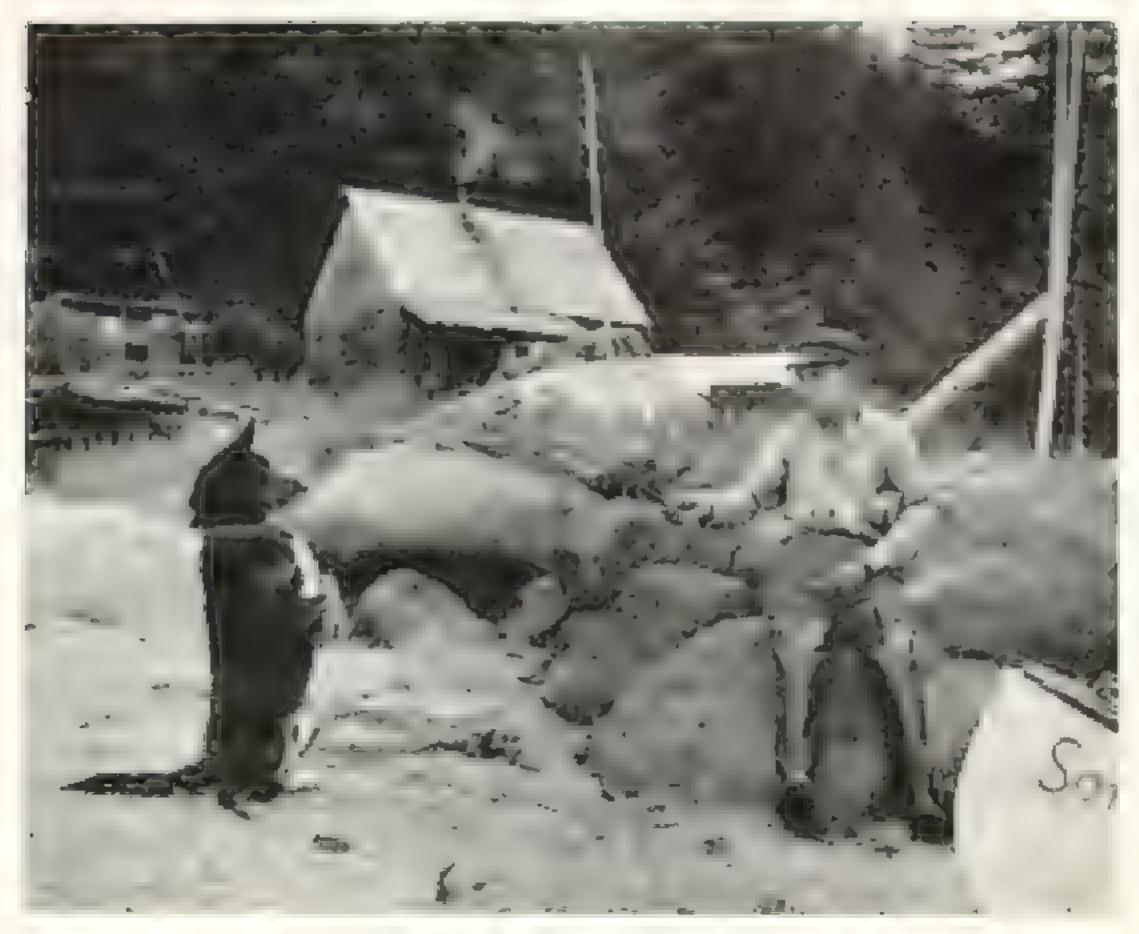
Scudding moth from Pacema next morning and beeling under a fresh westerly, we listened to the B kind atomic-based that on the taluband of Fresh wards and sught waters made me wender why anyone would bother with about be public near han exhibitating norping.

As we present the mouth of Editort Bay, a panerama of Seattle, "Gan way to Alaska," spread out before us, its 42 story Smith Tower a tall axie in a wheel of populous hills.

This city, largest in the Northwest, acquired its early growth from the Klombke and Alaskan gold rushes, and many evidences of its prosperous link with our northern Territory are visitle. Out of protruding piers along

*See "Your I op Joins Up " by Frederick Sampich. Section at Colombian Macazine, January 1943.

t Ser "Operation Crossroads," 10 Illustrations in color, Authoral Estimatorica Manager, April, 1947.



hing Mokes Priemis with an Indian at Lowe Infot

Leave to the file country messal of the country will be the property of the last terms of the last terms of the last terms of the property of the last terms of the last terms

Missing W. For a start's in the start of the

Christly Remarkers of Vanished Projects

In a few hours we pounded Fount So.

Intend in Lour way through a lowering by across Armira ty Inlet into an army of a Part Landlew. The Lore grant talk of a term of the first settlements on Paret so make the land and the land of the

When the integral one Various Property of Called, recorded the Born true Manne and a 12 land to along their and their particles of the Lands of the State of their departments of the second of the State of their terms of the State of their terms of the State of their terms.

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All I prove the set the Post Town whip canal next morang, we voyaged segment how the steps between the order to be a few to be a few to be midst of Open to North and Profe, the steps of the Market Objects of the steps of the step of the steps of the step of the steps of the steps of the steps of the step of t

And had been ted for the a switch factor to be been something that the factor the beauty of the state of the

The petro for the former to are the weekense-



After Five Idle Years Indearour Passes Bellard Locks, Meenture Bound

the small-hoot harbor at I or Ar on we watched fishermen realls my boots and who into the intercept at least a third of the nearly eleven milish sockeves soon to fill the street en route to their spowning grounds, 300 miles or more unstream in the Fraser Roser water shed. A single boot has hit the jack pot by a real or the book in the bank 15,000 solven worth \$1 are elevent to the sea

waters, we headed into choppy seas across the Strait of Junn de Fuca. The meanutains of Vancouver Isamil, seen over our plunging bow appeared wild and beautiful as when sighted by Capt. George Vancouver in 1792.

Victoria Is Old Ingland in Counts

A Fash is not climbed the breaking crestand to ked in the waves, king suspended has wond-toling and discreetly joined Robin and Sanford in the main cable. Cruising through a narrow to a destrict of the Anterior, the city that prides itself on being that of old England in America. There we are one am hor virtually on the laws of the Legers Rotel and the British Columbia 1 and the British Columbia 1.

Next day we sailed north through sunlit waters along the International Boundary. The many islands of the San Juans, ranging from numeless this no larger than a blanket to San Juan and Orcus with areas of 60 square riles, sprinkle the sound to starbuard of site Vancouver Island.

Here, because the rainfall is constituted; less than on the mainfand, many reple have purchased islands or more than a for year-round dwelling place. I want to protected, southelde be a constituted waters thallenge us to now in the enchanted waters.

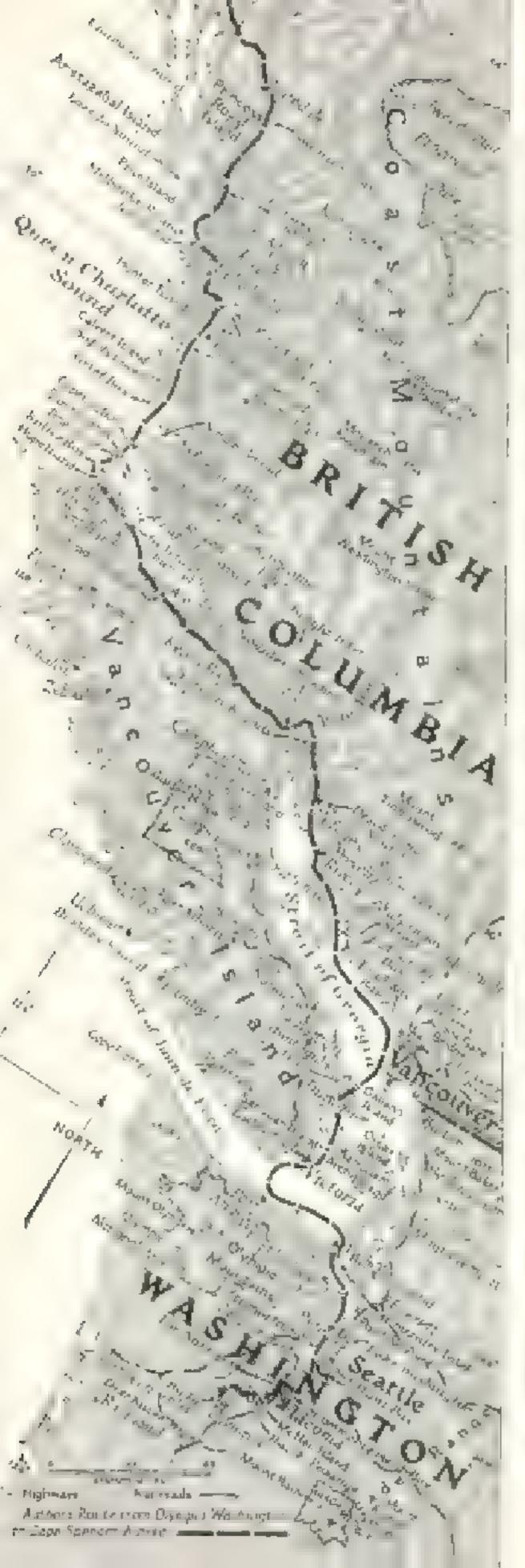
Once owners a of the San Juans was



Chess Region and the



Ketchiken Wilner Lands to



desputed by the United States and Great limin.* The archipelago was awarded to the United States in 1872 through arbitration by the Emperor of Germany

To give Robin and Sanford a chance to fish, paddle the cance, and skip rocks on the water, we dropped anchor late in the afternion in sing Montague Harmour, Gaffano Island.

King, facing ahead as we went ashore, was joyously retrieving sticks on the beach when a lady burst anguily out of a cabin and ordered him back.

"We have chickens here," she flang at use and then flounced back into the house before I could explain that King, being a stick retriever, would never bother a chicken refess it had a weeden ke

Dawn found us heading but through the tide rips into a smoky haze on the Stmit of Georgia. Because the inectable encount forest fires were a ready blurring points of land, and I was navigating by eye on this run, we were soon churring through yellow much in the extensive, shallow tide flats at the mouth of the Preser River

This region, which was Indian wilderness in 1808 when Sin on Frager, of the North West Company, descented the stream that bears his name, is now the most populous in western Canada. Vancouver is the third city of Canada and its greatest Facilic seapers

Hown the turbulent, canyoned braser through chastal mountains to tidewater, two transcontinental radiways bring anormous wheat crops from the Alberta prairies to bulge Vancouver elevators: and sickeys bordes, spawning bound, yield annually, on the average, some 2,000,000 fish to Canadian Schermen operating on the Strait of Georgia

As we approached the Lions trate Bridge, we sighted the Vancouver skyline over a turtle-paced raft of logs. Vancouver sits in the center of one of the world's largest coniferous forests

Just before entering the First Narrows, we saw in English Lay a swarm of white-sailed yachts rounding the buoys in an international yacht race. We docked at the Royal Vancouver Yacht Club. Other yacht claus and louts were all around us. Near by, Stanley Park, a 1,000-acre gem of the city's extensive park and playeround system, was thronged with strellers.

Varieouver Celebrates In 60th Birthday

Varietivet was in festive mood celebrating its biamond jubilite; and nine of the 16 neo and women bean in the city on the day of its bounding 60 years before were baving an

^{*} See 'Washington, the Evergreen State," by Lep A. Inrah, National Chossaum 'Macares, February, 1933

anniversary feast in Samby Park Pavilion.

From the rigging of hadeavour we watched the Indian cance races. The long, narrow discourts, snaking up the harbor, were ja umed with so many partitlers that they frequently swamped and capsized from the spray of their own tailules.

Robin and Sanford returned home from Vancouver. I missed their boyish spirits as Endeavour passed under the Lions Gate Bridge and headed north through the scalibe of the Strait of Georgia. Now John

and I and the mog were on our own

Far to the west the 5,000-foot stage on Yancouver Island etched a blue line on the borizon. Covered with magnificent forests, this largest of all islands on the North American west corat stands buttress to Pacific stoms for 285 miles.

Mountains intersected by thep fiords. Mountains intersected by thep fiords. Mount Worldington, its face licked by sait water of Knight Inict, rises to 13,260 feet. Not until the Skeeps River cuts through, 450 miles north of the Fraser, is this barrier shorted by a wiley large enough to accommutate railroad and highway. Thus all traffic along the British Columbia coast is by water and air.

"Northwest Passades" of Long Ato.

We cruised by the intriguing mouths of namerous inlets indenting the Coast Mouse tains—Jervis, Powell, Desolution, and others all potential Northwest Passages in the 18th

century.

These place names are largely the work of Capt. George Vancouver, whose voyage remains, to my mind, the most extensive mutical survey ever made on one expedition. Examining capes, bays, and channels, the great discoverer left few apsolved problems behind him.

Our prow split the waves of straits and charmels known to Spanish expeditions before

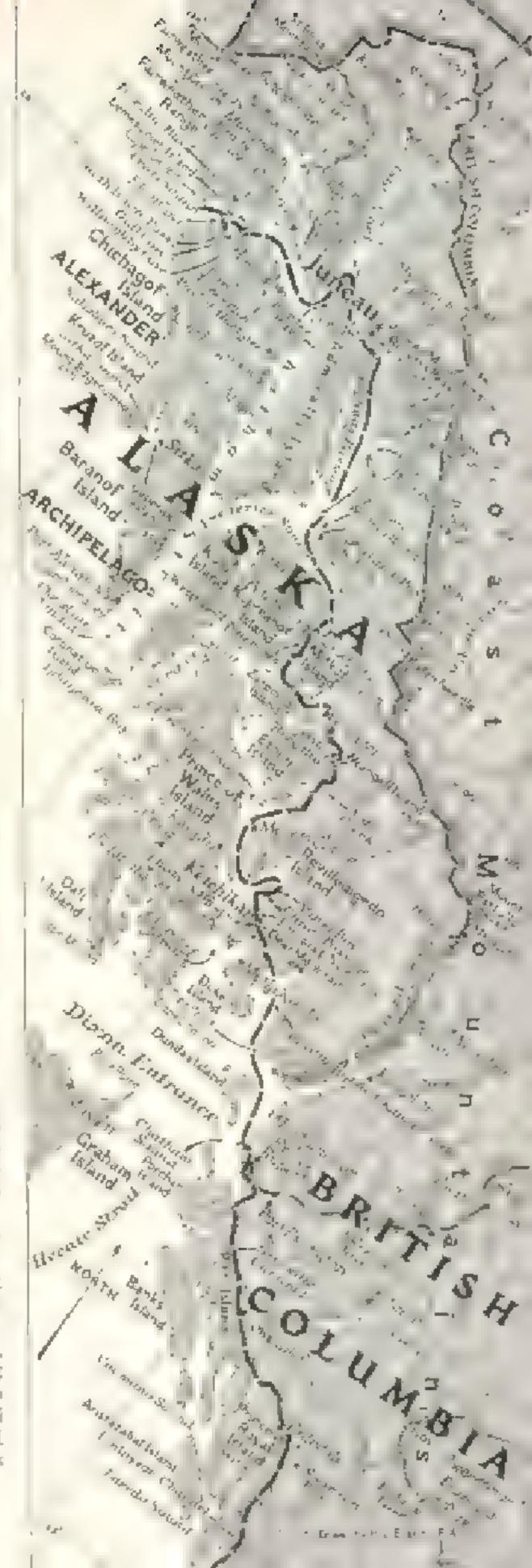
1800—Malaspina, Nodales, Coletus.

When we arrived at the head of Yarulta Rapids, the chb was already beginning to thurn strongly through the narrow rock passage. Endeatone, gripped by spinning tide rips and whitlpools, was tossed along in the mility race like a tag.

In trees on an island in the middle of the rapids, a hundred bald engles perched for some island, their white beads standing out that I be not be upon the property in particular and the standing out.

mes Cliff - ac

As we hasked a strong tide in mid-channel, turbulent following seas swamped our training casoe, Song of the Winds. It was a tough job getting the water-filled fragile craft aboard Fadraneer without breeking it in two. In tired later that rock-wise Indian troilers





A Succeptof the Pass, a Support the Teeth, and Bruin Brackfasts on a Hepothal Salmen

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to seed for the transfer these inthe terms for a some remembers of their chities. We are the major that the sources we have the

Rain, Log, and Durkness Hide a Hurbor

It a like recent to be a real to et. the closes of the bottome to both so the rate and and rate squal laborates at 1 windered why I had a thinn it a space topology and pone to confern the rate and many and pone to confer the rate and many and many and pone to confer the rate and many and many and pone to confer the rate and many and many and pone to confer the rate and many and many and pone to confer the rate and many and many and pone to confer the rate and many and many and pone to confer the rate and many and man

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At Meyers Church, Dick Turner Repairs Song of the Bireds

of the period and and a little property that happens the deal of the content of the second and the content of t

I shing suits me fine, though, it's a free, ealthy life."

A beauty muntle of fog hung over the 35ude stretch of Queen Charlotte Sound as we will Endeavour's compass course across this impest of the three stretches where the Inside I assage is open to the Pacific. Under our keel we felt the long Pacific roll

the forhorn on Pine Island bellowed lastily off our sturboard, and theakers mattered on the reefs. Significant of hizards in such witters are the names: Storm Islands, Cape

Caution, Grief Bag, Safety Cove.

Soon the ing lifted and the magnificent Coast Mountains stood revealed. The full of the sca gradually subsided as we entered Fitz-bugh Sound, and subset saw us anchored in Long Point Cove.

Lost in a Watery Waste

Runding Ivory Island lighthouse text day, we headed Endeapour morthward. My chart showing the sound's exit channels was lost; so were we. Well, we'd just have to do a little exploring.

but two hours, as we sounded the unknown waters of what proved to be a blind hay, findragair might have been Vancouver's Discovery searching these champels for the North-

west Passage.

A second try around the point, and Finlayson Channel opened up. I knew its parrow

course would lead us porthward.

As we am hored that evening in miny Swanson Buy, John hailed a fisherman in the dripping gloom. "How many inches of rain fall here in a year?" he asked.

"Inches?" the fisherman sported, "We don't use inches here to measure min-we

use fathoms!"

Though tain seems annoyingly incessant, be and smatic sprinkler system is more efficient for snuffing out forest fires. Not a hurnt-over tract scarred the luturiant forests of sprace, hemiork, and cedar above the northern limit of forest fires on Vancouver Island.

Grenville Channel finally dispreged Endeciment unions the wonded islands at the mouth of the Skeens. Here the say brightened, but, looking astern, we could see the

delipping camps, of clouds

light hancord gill not boots were drifting with spreading nots at the mouth of this great pattern salman leatchery. The Skeena Valley is the house of the Tsimshian Indians, one of six coast trakes of fasheaters. Passing close traces of the house of the house of the beaters are that and the occupants were Indians.

Legend the Skeena our course paralleled the Canadian National Railways tracks over

which the first train bud passed into Prince Rupert in 1914. Frime Rupert, about 500 miles neaver Yelcolumns than Vancouver, envisaged itself then as a Northwest Passage port to the Orient; but the Oriental trade did not come, and the first radioal company went into bankruptcy within six years. Three times in the course of a morning walk from the vacht club where we anchored I was shown the plates for the city that did not materialize.

The dreams of Northwest Passage baosters were realized briefly during World War II when the population of Prince Report case from 7,000 to 25,000. For a time the city was a strategic port for American troops and supplies sent to Alaska and the Aleutinus, and Russian skips loaded up with wheat here. The population has dropped back now to about 8,500, but enthusiasts have suffered no recession in their vision.

As we heared the International Boundary, about rose the great snowy mountains of Alaska, marking the southern margins of 1,100 mountainents islands that compose the Alaska ander Archipelago. This is the "Panhandle of southeastern Alaska, 100 miles wide and 500 miles long. In area it is only about one-sixteenth of the Territ my: yet it contains half the larger towns, the principal fisheries, and virtually all the commercial forests.

We took a bearing on the modernistic, white, square tower of Tree Foint Light, the first of many lighth-uses which, together with hundreds of other navigational aids, galde the mariner through the intricate channels for 400 miles to the open Pacific at Cape Spencer.

Grateful for the friendly tower, I temembered that several hundred vessels, small craft not included, are believed to have met their doom in Alaskan waters before the ways were perfectly marked

Exploring Here Is a Lifetime Job

Southeastern Alaska, with its myriad channels and inlets, has more than half of the 33,900-mile Alaskan shureline. Scanning the charts, I realized a voyager could pass a lifetime here visiting new places.

As we cruised up Revillagigedo Channel, the chart names became tongue twisters. We nad passed from Tsiershian into Tlingit Indian territory. Besides momes of native origin, there were scores contributed by Russians during the years they were in Alasko stambling for sea otter and seal pelts. Bering's voyage of 1741 was the first of many

* See "Indiana of Dar North Pacific Const." by Matthew W. Stelling Northson Groundenic Manazing, January 1965. expeditions of several numes, can if which put numes on Amskan chart.

For sute from Prince Rupert we had joined company with the 34-Lot cruiser Como Reto. of Scattle, manned by Dick Taylor, his wife Marleline, and his 12year-old son Dirkic. Dickle, who had learned that I was searching for cairns that might have been left by the great Vancouver, would slip Ishare whenever we an bured and construct authentic-booking stone pales just to watch me ponder over their r tilling.

Forgether we voyaged up Tongass Natrows and, 45 miles from british Columbian waters, reached Ketchikan, first Alaskan town of Importance in the Inside Passage (805).

Here in Thomas baa., a sect of marine
motor court, 400 toolfces, namerous sciners,
and an assurement of
vaches were tethered
to five long floats. A
mild fend existed between the yachtsmen
and the practical fishermen, who regarded
my reaft without troll-

ing poles of a scine net as a use'es, plaything that only took up valuable space in the over-crowded programs.

Although both May and Jane had been menths of glorious sunshire, July set in with heavy rains. It rained every day. When I made some monuplimentary remarks abother and a post, in old resident replied, After all, we get gloud tot inches here a var: it has to take some time.

The American Legis a monthly rainfall pool was causing annovance to the Westher Bureau. I copie easer to win were always culting up, asking how much it had rained that mentaged by we much more it was going to rain

"Deer Mountain provides Ketchikan with



Strunge Pennants Fly as Endeavour's Mate Harry that the Wass.

Hhis falls on after in the list of the second second of the were not brought in the list of the second seco

the taken has more than the acres. Hinerally ships editor of the hardy spectages while the how it is going to rain, when we can't see it, we know it's raining!"

It sh Are Like Money in the Bunk

Lying pest to us in the morrage was a small troller whose owner, seemingly unaffected by the austle of fishing season, sat on the afterdeck of his boat and smoked his pipe. I asked him if he was not poing out tishing

I'm on Territorial pension," be explained "Sort of retire!. But I use the fish like a bank; when I per large that the first and catch a few some



Huge Rus hugas and Other Vegetables Grow at Fanshiw, Auska



Axel Pears in Makes Sure that His Traps Are Ready for Winter Use

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I terr u Chat im Strait Trum, Schmon Sort for the "John Chink" Which Cals Them Up was a bold of the new constant the salment of the new party of the National Society of the N

Who is all a store for an inreprietor was just closuig up. "The salmon or a local is can make more money as "he will flown off Marker back the area class as a factor back as the

You was feed Keedille, extend the final cedar so we had more of the wood we

put out the fire. We preded a fireword wringer.

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Fact from City Streets, a Pigeon Pays a Call Twelve-years to their Taylor chance Andreas car's right to the wife of the Street to Alexander (1) of the Stre

As we saded into the little harbor of the ers thuck, we passed cabins handing an the sleep shores like Soc. The Harbor Thosesome Pete" (page 809) a full, organ-voiced Viking from Normal Laborit his cabin to a many and the laborit his cabin to be many and the labority promitains.

Every Man Most Horn His Nickname

Vicknames such as l'ete's are common in Alaska. The voyager listens I - years to it North I I I I was I was "Two-step" Jake, "Wildeat" Andres on "Touttary" Gus, "Screaming" Jack, "Four-pole" Johnson, and "Woodens wheel" Johnson, and "Woodens wheel" Johnson, and

Some trail of spisode tall in a satisfic ties made the same to mind his was about a middle to the same blue was about a state of the was about a state of the was about a state of the was speaked his propel to be a satisfic to be to the mode, whither or the same the mode, and continued to the the top out with "My Endeaven. I had to be continued with "My Endeaven.

When the tide was out. Pete's table was set, yielding him butter clams and him and spaces crabs. He canned a retained a comberries, and he or later out the engrounting news between the later and their his ment barden to the later and salmon, halibuted by the later of the later and a laterality of the later of the laterality of the laterality of the laterality and the laterality and the laterality of the laterality and laterality and laterality and l

On the cultural side Pete had mastered the guitar and proposecondism has imposed his own master. One are on a visiting artist had left a painton h behind; and Note had mixed his we paints and become an artist

Peter once caught a blue shock and compact to the ulfrag stations by the control to the with shock oil. When he will be the beauty to the control to the con

Lettping porpoises cuvorted under for the desired traction of a few leadings in the buyered petr the crask mouth, for this

's one of the world's most prolific humpback salmon spawning streams. Overfishing at one

time a most repleted it.

In the days when the fisheries were unregulated, greedy men laid their nets across the creek and got enough salmon to operate a cannery near by. Seiners are now forbidden to enter certain areas, and the hamplank are given a thance to reach spawning grounds.

Occasionally a renegate will smak into a closed stream and make a quick hand, but scouting planes of the Fish and Wildlife Streig make praching difficult. Offenders are usually fried and their fish confiscated.

Even the Bears Are Fishermen

Churning with thousands of leaping salmon, the wild catatacts of Anan Creek were a delicate-sent for black bear when we arrived. Dick and I record ashore from Endeavour and Como and walked up the Forest Service trail to then the brutes. With scarcely an intermission, hear after bear lumbered down the steep bank and plunged into the turbulent stream, each to lift out a struggling hamplack.

These bears, of which about 75,000 remain, are part of the last great stand of American wildlife. In Alaska their chief protection is the vastness of the spaces they room. Each Fish and Wildlife agent putrols un area nearly

as bug as Mame.

While watching the bears we saw a screaming hald eagle hard himself into the stream. He sank his claws into the back of a husky humpback and tried to hit it with the power of his great wings. But the salmon channed its tall and headed for deep water, carrying the king of birds down until only his head stuck periscopelike out of the water. The eagle let go and, dripping like a staked spange. How off to a tree,

En roate to Wrangell, we anchored for the night in long Bay. A dispidated trother rode to its rusted anchor near us, smoke curling from its chimney, though no one was aboard. It ck said the owner probably was a "kelp fisherman making a bare living in this lonely, homehaunted will lerness. A kelp fisherman is one who fishes in safe inside waters.

Dickie and I rowed ashore to inspect a deserted log cabin cluttered with rusty traps, guns, scattered paris of a stove, flour, eagle claws, seal scalps, and hits of welfskin. No doubt the former occupant had been a bounty hunter, hving on bounties still paid by the Territ by for welf and hair-seal scalps and, I marriy, for claws of the bald eagle.

The next day I talked to an old Indian about this in Wrangell.

"My people were true conservationists," he said. "They believed that if they were wasterful of game they would be punished by starvation. When the white man came, the band and waters teemed with game. There were many eagles, seals, and waives. When the game became to disappear, the white man blatteri the eagles, waives, and scale and put a bounty on them."

We found little in progressive Wrangell to induste its long history since its founding by the Russians in 1834. It was the first Aluskan town to feel the impetus of gold when thousands of miners and prospect as, half of them Chinese, outfitted there in the late seventies for the stampede up the Stikine River to the Cussiar gold fields in British Columbia.

Tired of much des, present-day citizens bud just completed paying the main street of the lown. We entertained Mrs. Doris M. Barnes the woman movue, at dinner abourd the boats serving large Dungeness crabs that John and Dickle had scraped into hand note off the

harter pilings (page 815)

Wrangell hours were thed up three or four abreast. We never knew when we'd he sunk at our moorings by the large seine boats whose skillful Indian captains delighted in coming into the float at a fast clip, and going full speed astern harely in time to avoid hitting other staff.

One captain, dashing in to the up his 20-ton ship, stulled his motor just as he threw it into reverse. Frantically he rushed out of the wheelhouse and stock his feet over the how to soft in the blow on a moored sciner. The sciner crew popped out of doors and hatches

as if struck by an earthquake.

So dependent are southeastern Alaskan towns upon accountrat sport that a maritime strake lasting several months left Wrangell almost without food. The meat shortage was acute. The men took down their gans and headed their flat-hostomed, shovel nosed hours up the Stikine. One party of three men returned with three mores and two mountain goats, a tim of meat.

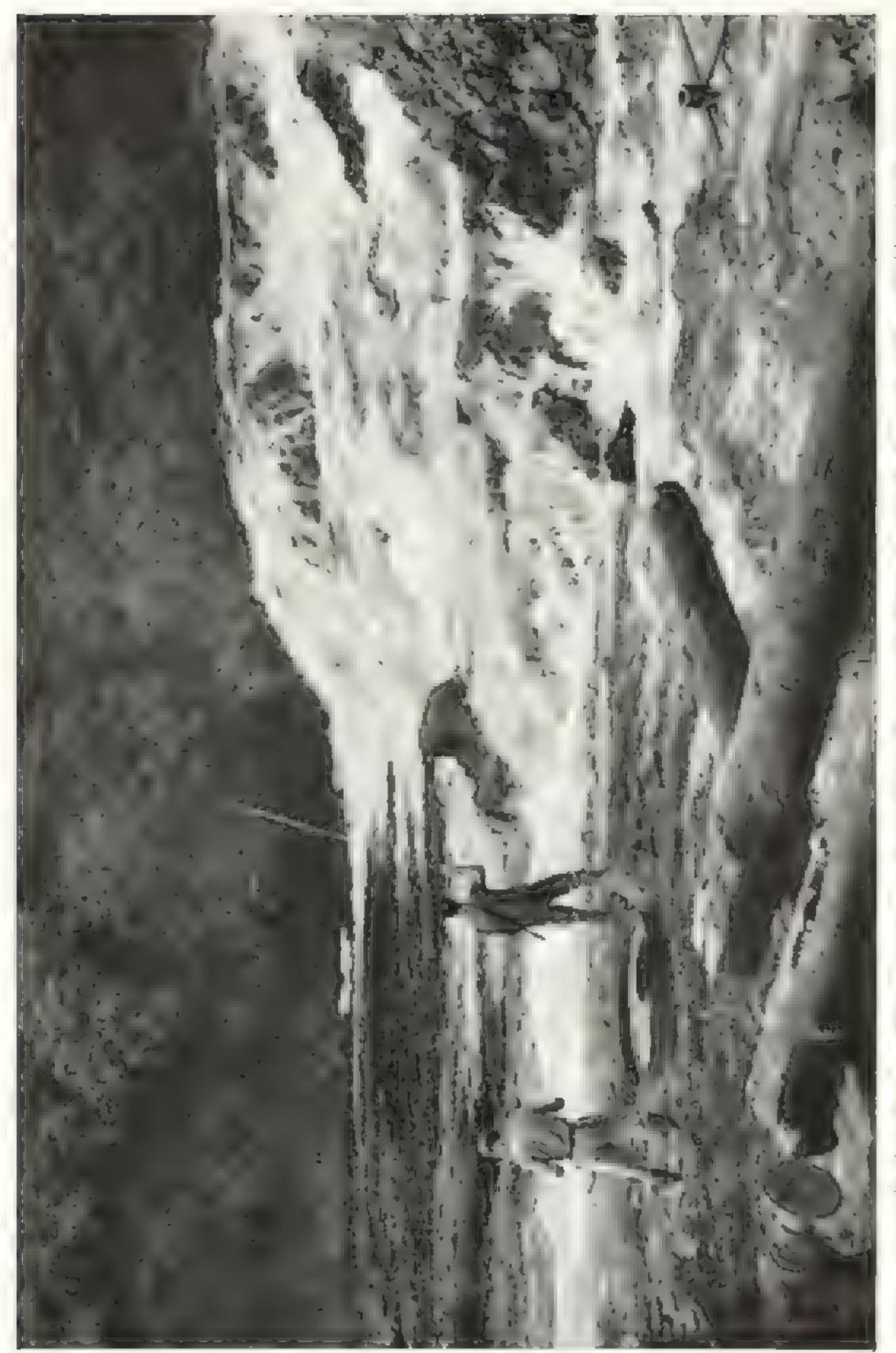
The powerful Stikines, it branch of the Tlingit Indians, who inhabited this favored spot, once raved the Inside Passage in their great war canoes, sometimes con in ting last use and pillaging raids as far south as Paget Sound.

An Aluskun Burbank Has Poor Luck

six miles below Petersburg we swing into an house to visit an old-time sailor, Herman Papke, a voracione reader who had lived here for 45 years. He could not invite us into his cabin because his newspapers, and



1 y Witerston State above the El. they Set de and a man



As Parlof Harber, (Fishard Island, Peed The teach of the second of the

mogazines took up all the space not sect pied by his bed. For want of storage space he had tucked on arevil and some tools into the bed.

With a vision of benefiting Alaska, Herman had devoted four decades to gratting fruits and betties and wasing was on solder squirrels and robins. His annual cherry crop amounted to our fociors little cherry which he covered with a muson jar.

As we approached Peters one, we gazed apullmand at magnificent glacier to pud

mountains rising behind the town

Later in the fall, the harbor would be jummed with the hallbut deet whose owners and crows have become prospersus in the hazardous business of fishing 40,000 square miles of halibut banks in the tempest-swept North Patific.

In 1946 nearly 700 regular building and some 3,700 men engaged in the indibut faberies along the northwest coast. Because of previous exertishing, the industry is now regulated by treaty between the 4. S. and Canada. For each build taking area a quota for the catch is set every year; when it is filled, the senson closes. In recent years, as the ratch has increased because of restoration measures and a bigger and more that fent fleet, the building feason has been shortered. In 1946 it lasted only 42 days in Area No. 2, south of Cape Spencer. Some of the fleet then goes after black cod (suddefish).

Leaving Petersburg, we headed up I rederick Sound, paralleling glacier-capped mountains

along the mainband share.

Four miles north of Wrange I Narrows, as we passed close to the Sukoi Islets, we saw the unpainted buildings and keep-off signs of a blue-for island. Formerly there were 750 islands under lease for fox farming on National Forest lands. Forest run loose. As disease became rampant and for prices fell, the number of leased islands dwindled to 50.

More Money in Fishing than in Forming

At the south end of Whitney Island, a run towed out to us from a group of buildings on shore and introduced himself as Steve De Long, postmaster of Fanshaw. He said be and his wife Kitty, the postmastress, soil vegetables to fisherment and supplemented this income with trapping and fishing. They were virtually sect-sufficient.

It seemed to be the general opinion that living expenses are so high in scatteraters. Maska that a man could do better by fishing or logging and logging his produce from the outside. An indestrious, experienced fisherman can work 45 to 60 days and semetimes make around \$5,000.

Axel Pearson, a pleasant-mannered and genial distertions and trapper, occupied a small cubin next to De Lang. Good times and bad he took in his stride (pages 812, 813).

"I like Alaska," he told me, "It offers a

free life with many compensations

Axel told us that he had almost caught a whole without fishing for it. One morning he had seen his Lett bout he ided up Cleve-land Passage be find a while which had he come langled in the anchor tope. Along with Axel's hoot and 25 fathoms of line, the whale was a so towing a 55-pound anchor. Axel pursued the whale and, when it slowed slown near Five Fingers Light, be cut his boot loose. The whale loopt the anchor and line.

to Stephens l'assage Old Joe, a funous lu reponck whale, regaled us by leaping not of the water. Old Joe is known to many of the boatness and aviators who leavel the

Jetson e

Glaviers Make Sailing Hazardous

At Holkham flay we swing in and entered the deep, canyonlike flord of Tracy Arm, which penetrates the Coast Mountains for 25 tribes. Ice floes up to 200 feet in length all about us were indications of an active glacier at the bead

Nearing the glacier the food narrowed and the ice grew thicker. We had to cut through small icefelds. Since we had no knoberk along the waterline, this was dangerous, even

with Endrasone's malagent bull

We edged our way through the icefeld up to the face of Sawver Glacier. So kienly as 200-foot cliff toppled off with the sound of thunder. A tidal wave bearing a hage mass of bobbine, grinding its rolled toward Endeavour and Comp Reto, tossing our back into the air lake flapjacks,

For three hours we maintained our perilous position. Harbor seals with faces like little old men peered at us from smong the floes. The temperature drapped to 40 degrees. It was dusk before we returned to ice-free

Stephens Passage,

Off to port next day loomed the Imestcovered mountains of Admiralty Island, where once I had stalked with a camera the 1,500 pound Aliskan brown bear, the world's largest carnivorous animal (page 808). A mother bear had charged my two companions and me on an open, treeless flat.

As we approached Janeau, a school of sportive 40-foot humpback whales broke water around Engleavour, spouting steam like bage robing bodiers. I recalled that three such whales, coming up noder a Juneau half but boat, had given the bottom a wallop that

perceptated parting both it is a port for replacement of word planks.

Juneau, Capital of Alaska

When the Ties well mine was a permit g, long is lost more was less anothers bearing. The mine was a resonant to the first management of a long and a permit of a long and a series of the long and a

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A Log Ramp Makes Portage Hasy

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Oregon Classboy Larl Ohmer Is "The Shrings and Crab King of Alaska"

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Before Endersone cleared Juneau, a rarecultures cale swept the har is it is ware, theying battalons of the lares betor two days. This was the the larest term have been recorded for for a substitute of term of the days. This was the the larest term have been recorded for for a substitute of term at 40 miles an boat, with indicinus?

We will before the term of and Hersit then the term Channel and accomcal stephets Passage in rolling grans and their spray and then despite the not meanting the many and terminary latent — a booked in the contract latent. The Linder, carea is recent of terminals. The Linder, carea is a faither got then been skagway in 1961, and at 3 factor went, but salvagers used bor in the first page \$1. I at waite blantan hart in American's cation between the strong tain patients at the sound of bare feet. Then, upping an over we sailed north

Off Funter B was a rule as with the Latter on the Core R C. The Late are using ing for king saluments with a small to kie. The two days we are hared or the head of Funter among a first of traces.

because of the failure of the salmon run many of these dishermen had not even mach their gas money. A transient trofler, bound westward, said, "These fellows are anchorohere waiting for the fish to come in: I'm you a not and meet 'em.

As a re we met Haskey Smith, who had just that tete to like a fet 25 years as a construction engineer in familiar couple on.



Trong the Mast, Andrewood's Territe-back Looks Like Armor.

"I've really begun to live," he said. "Here I have bankers' hours. If the ash want to be caught, they have to meet me at least half-way

"The only thing that bothers me is my nearest neighbor, a nother brown bear with two cubs. She has an even temper—mad althe time. She has treed the buster Bay mine watchman twice, and the first time she caught him long enrugh to knock his teeth out."

From Funter Bay we sailed nurthwest up Icy Strait with sunbeams dancing and spurching on blue waters. Mists still fluted in the valleys of the mountains. The sea winds were freshening, and the waters seemed like the heaving breast of a sleeping giant soon to be awakened by the fury of autumnal storms.

Ahead tose the Fairweather Range, etching the northern horizon with majestic snow pinancies. The vista was the most dramatic of

the voyage.

We passed many I shing boats, small-pared for trolling. On some of them we could recognize a woman's presence by the family wash flapping and drylag in the rigging.

A Modern Native Town

Smortly after noon, we docked in Port Frederick at the Indian town of Housah. The Federal Public Housing Authority had spent more than \$600,000 rehubbling it after a fire on June 14, 1944, destroyed 80 sharks and left most of its 700 inhabitants in meless.

Before dusk had settled on the waters, had drawer and Come Kete came to anchor in 10 fathoms abeam fox-farm buildings in Willemphly Cove in Lemesurer Island. Joe and Maz Ibach, believed by many Alaskans for their homely wisdom and hospitality, bye here. Once Maz had stayed on the Island for nine years without going to Juneau.

She led us into gh richaus beds of flowers

to sign the guest book.

Garden vegetables flourished, and the herry vines were loaded. Muz wanted to fill out arms with vegetables. "The world needs more live, more giving and less taking," she said.

The next morning we voyaged on a teleand wind-harried sea into Dundas Bay where for was serving as watchman on a samon spawning stream. His whate tent sat on an open point where, through the open flap, he

watched for seine poschers.

On the extensive tide flats bordering the bay we filled gallon kettles with wild straw-berries, which grow within the shadow of one of North America's greatest concentrations of active glaclets, the white giants of Glacier Way.

Joe plicted us back to Lemesurker in the evening. Both ships planged through windy reas shroughed in threshing rain and mysterious white for.

Back in the cove cur boats tossed uncomfortably in the exposed anchorage. Since our anchors wouldn't hold without constant attention, we hade fee and Maz geodbye and can down to a quiet anchorage in Guli Cove.

To Hospitul by Flying Ambulance

But I had not seen the last of our friends. Sente weeks later Joe suffered an appendix rupture. He and Maz were alone. All day Muz lighted free to attract a passing boat. By merest chance a triller put into the covenear sundown and took J.e to Hoonah.

At Homah the radio contacted pilot Dean Coodwin in Juneau. He soured over the mountains in the gathering darkness, picked up Joe, and rushed him to the hospital at

the capital.

When Dean Sew back to tell Muz her

husband was safe, he took me along.

"for told me to take these to Max," he said, as he loaded 25 pounds of cantaloupes into his plane. "At 29 cents 4 pound, too. She'll be eating cantaloupes all winter."

After giving Muz the good news, Hean and I circled over the Fairweather Range and soured above Glacler Bay, following the share line of the 3,590-square-mise Glacier Bay.

National Monument.

The best known of the glaciers in the monument is the Bluit, discovered by the distinguished naturalist John Muir in 1879. From a height of 2,000 feet we could see its extensive snowfields and tributary fee rivers inchit a down mountain valleys where, above 3,000 feet, they were formed by snow dropping from the proisture-laden Pacific winds.

The flats were black with green as we flew over. We sighted no moose, deet, or mountain goats. "Wolves," said Lean. "I bet they we

got all the goats."

Wild Strawberries Sold Nation-wide

1) wing Endeavour's stop at Gull Cove, we visited the causing department of an enter-prise whose specialty is putting up hundreds of gallons of wild strawberries picked on the shares of Ley Strait and Dundas Bay. Its market is Nation-wide. "I started here ten years ago," said the proprietor, "with \$1.85."

The next morning, after bidding goodbyc regretfully to the Taylers on Come Reta, John and I headed Endowrous out through South

Inlan Pass for the Pacific Ocean.

On the north end of Chichagof Island we tied up among the 130 trolling boats of Elfan



Off Chief and Island Indianaur Follows the Tr Her Bereity B. Sitks Bound

The outer court of the Alexander Architectus is attention, in the outer to a local term of the Alexander Architectus is at a some time to the analysis of the

Cove. Lucky were the bratmen who had the wave abtard to cook meds. One I here in who had fished hard during a good toroif it is a large had nothing but a warry through and with a but a warry through and with a sure.

We well be range of the fire of present of the ways that we have the fire of the ways that the fire of the fire of

Corneron, John, 'I seed. I the end the vegate and then rig some todays pales on I of the are and go fishing."

I' was unduiternien when we heated near to! through Cross Sound and met the

same of the and I mife. I have I down to colony, specify Juhn was on the stem with a five colony already laving the form the and form the form the form the form the form the first time by hooking a fighting only.

Tufted pasins, known a see, part is a corne of the at them, a see a adapt, and yellow-and-orange talls, swim mund black-headed Arctic terms winged gracefully town the sea wind

John, King, and I was he we as a Spencer bore abeans. A few to a resolution of our casine and palls on our books. The admix was a and we had not be could be such be northern to out the first of laws of the against the rest laws and often in that it is spend the cast Pacific Occurs.

With the U.S. Army in Korea

By Lx. Gen. John R. Hodge

Commanding bouted States Arm's Forces on Loren .

AHUNDRED years before Columbus descovered America, the Koreans led the world in printing. They were the first

people to use mayable metal type,

Long before that, they had learned writing from the Chinese, and later in their development they vastly improved upon the Chinese system by devising a simple alphabet and introducing to the Far East its first simplified alphabetical script if

But despite this centuries old literary background, the Koreans can into dimently when they came to translate the portion of the Canoagreement of December, 1943, which related

to their country.

Rossevelt, Churchill, and Chiang Kai-shek, who at that his toric conference took up the libera ion of peoples enslaved by Japan, agreed that "in this course" Karea was to be free and matependent.

been in our language, "In due course" is indefinite. In the Korean larguage the plurase is extremely difficult to translate. It may mean "in a few days," "in a few weeks," "in a few years," or "in a few decades."

Therein lies a stumbling block, for the koreans translated the phrase in favoration ways. Most of them translated it as "in a

few days."

Upon one thing koreans are thoroughly agreed. They all want their independence. More than forty years of Japanese domination, misrule, and oppression have only served to increase their desire for liberty. Every Korean from early childhood has been taught to live for independence. They hope that the time is not too far off when they can have a free, independent, and united country.

38th Parallel Guts Koron in Two

I preised in Koreh in command of the NXIV U. S. Army Corps in September, 1945, less than a month after V-J Day. My immediate task was to take the Japanese surrender of forces in South Korea, distrin the Japa, and establish orderly government of Korea below the 38th parallel an area about the size of Indiana, which included the national capital, Seoul (Keija). (Map, page 333.)

ferritory above the 35th parallel—an arbitrary divide g late—was administered by a voyer Army of Occapation. This somewhat larger area is about the size of Louislana.

The 38th paradel is not a natural boun lary. It cuts across more than \$5 rivers and streams.

It lies almost exactly between the Yalu River in the morth and the Koren Struit in the statu.

In the Russian zone are located most of Korea's coal mines and beavy industry—steel and iron, nhummum and mogresium, chemicals and synthetic fertilizer. Most of the country's hydroelectric power is developed there.

In the predominantly agricultural American zone is grown most of the race and other fivels of the Nation. Some coal mines, paper mills, textile factories, and related industries also are located in this southern section.

Today this divided administration of Korea continues, creating a situation intolerable to the Koreans, both politically and economically.

Korer's future is indefinite. As I write these words, I am in Washington for a review of the Korean situation. Incidentally, my teturn in February, 1947, marked the first time I had seen the United States for almost five years.

Whatever is in store for Korea, and whatever may happen upon my return, I know that in my first 17 months of continuous service there I saw written a chapter in the history of American foreign relations which always

will be absorbing and unforgettable to me.

We Inherit Japa from Russians

the Jap forces, to get the Japs out of South Korea, and to bring back to their native land Koreans who had been taken to Japan and other Pacific areas by the Japa. We thought we had completed a good Job early in 1946, by which time we had sent almost three-quarters of a million Japanese civilians and soldiers to their homeland.

But soon afterward thousands of Japanese refugers come across the 35th parallel into our hands from the Russian zone in the north Little or no effect was made in the Russian zone to repatriate the Japanese until late in 1946

*General Hodos communded the XXIV Army Corps in the Okanowa campaiers. He was sent to koren by Gen Douglas MacArt out journally after the Japanese surreasier to command our occupation forces there. General House was associant Expansion of the 25th Lection on Guadacanal

immunited of the 45tt Illustrate off New Lieuwan manufactured from Americal Legiston at Boursanville, and that command of the NNIV Corps in time to be of it at Legist and Cainawan.

1 See "Jap Rule in the Flermit Nation," by WLland



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During our occupation we have returned more than one and any-quarter relation Kermans to the rown country from Japan, Chant, and remote Part in an Is. In addition, well on a reflection of the latest and the latest test in a second of the latest and latest and Management.

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There has been a general procession

that Korea . Include a rice bow of the Orient. Here was now the Japanese worther in a sider ide qualities—the Japanese to the from the months of the Korean and shipping in for the rice of the Korean and shipping in for the rice of the Korean and shipping in for the rice of the Korean and shipping in for the rich to the from Mannatales of order order to the from Mannatales of order order.

Today no rice is exported from the a mand we are shoping at grains to prevent that in

The other organizers in Bonce science in the fall of the south of Kornings and the like the the fall of the south of of the s

The product was not no Keren Ince, help of them the more than a 0.000 tone of grant a nach we imported that went there undoubtedly would be not been made and a last production. Imports are continuity that has

For many years American missionaries had worked among the Koreans. With the end of the war, churches in the United States again. came 1: the aid of their Korean missions.

At Christmas, 1946, four thousand gat house arrived from the Church World Service for Korean children. They contained candy, simple toys, and worm mittens, for many of the recipients—criph ass, deal and blind beys, and girls, from three to sixteen—it was the first time ther had ever received the simplest gut at holiday time.

This same organization also sent more than a nultion vituatio pills, necessary to augment the average Korean diet of simple grains, and quantities of blankets, sheets, and bandages.

All this is in accitant to yast annuants of medical supplies and negent necessities for life and bealth that were supplied by the United States Covernment,

New Homes on Old Jap Airfield

Under American administration, several h w-cost housing projects have been but t, givaig em illayment to many thatisands of Kraesas. in addition to housing the houseless. The hist of these developments arose on a former Jap. airfield near Secul and was definated last Nevember by Maj. Gen. Archer L. Lerch, Military Governor of Kores. Refugee farmers were established in these hi mes and provided with little tracts of fataland, projects have since been completed.

Part of a 200,000,000-yen public works unemployment relief program is the hullding of a 320-nille all-weather highway between Seoul and the southeast seaport town of Pusso (Fusant, Some of the boad is hard-surfaced, but mostly it is a 21-fee t-wale first-class grave. fread with many wooden and centrate brokes. All the materials, except dement and steel, are

produced in Korea.

Daring the last four mouths of 1946, foreign trade, principally with China, showed average monthly imports of 30 million year and exports of 10 million year.* As production improves under our estabilitation proirrain, niore Korean goods and commodifies will be moving to world markets.

In January, 1946, three paper mills out of 14 were operating. By the end of 1940, all were approaching capacity production.

In textiles, nearly 4,000,000 yards of cutton cinth were produced in the last quarter of 1946.

in the nationally operated plants.

Although mines buil to be retrubered to offert ladistribuingly manny practices of the Japanese, mentaly soal production in southera Korea stepped up from 5,000 metric tons in January, 1946, to 25,000 in December. 1940. This is a low grade authracite, with a lumited industrial use except when mixed with imported or dancetic bituminans. Koren has

no high grade coking coal,

The Japanese rulers in Korea were interested primarily in educating Japanese that dren, but today, with the Jap children missing, the total number of pupils attending school is ा प्रकार के मार्ग के महिल्ला है । The accentage will rise even higher as more states and a text of the party and the desired at the second second to tengerenchable thirst for education and a profound respect for educated met.

In this connection, it is interesting to note that, aithough the enemy allowed only Japcases to be taught in schools and used in business, all Koreaus speak the same Koreau tongue and all literate Koreaus read and write Korean 24 well as Japanese. This is another of many evidences that they never gave in to the prolonged effort to Japanise them,

Kareant Operate Their Own Courts

Today Kater's judiciary system is operated entirely by the koreans, with the Ameriones standing by morely as advisers. The system is working efficiently. All laws inindcal to democratic processes have been rescinded. Many others have been changed to meet Korean peeds and wishes.

The Legislature is half elective and half appoint, ve, but is working on a law for universal suffrage. We are looking forward to the time when the legislative body will be 100 percent elective and when all key korean officials can be elected or approved by an allelected Legislature. The sele motive in basing it half appointive now is to make sure that it has a broad base and is fully represent. ative of all classes and abudes of opinion. The old Kosean headman system of indirect elections, gaing through three stages to elect the final representatives, does not meet democratic requirements (pages 854-5).

Kerrans are rugged individualists: thry like to think and speak for themselves. Consequently, there is more than usual divergence of opinions and views among them. It must be remembered also that, since we arrived in Korea, they are having their first modern change to exercise the demonstric freedoms.

Befute the war a horean yen was worth approx mately 23g in U.S. corresory. In til Morch 11, 1947, the exchange note had been set by the U.S. Army at 15 year to \$1. On March II General MacActhur announced a new 10 year to 51 rechange rate for Smerough the Hory or coupled and American Was regardment employees in Japan and Kates. Because of inflation, the actual parchaging value of the year is more than 100 to 51.



"Try This One for Size, Sonry"

A Scouly homore from bearing of the late o

The objectionable feet uses on the Salar at Heland frames rule in their Nature of the many market of the mast.

Note that have K test were a kind have ready them sequestreed in the home (page sections of feminine education and independent of some that it is a sequestreed to the Western conceptions of feminine education and independent and it is a sequestree to women as well as a set will give the vote to women as well as time.

Start I K. tean women are already doing for work means of himself, the twiking of with a line of the Language training the second start of the contract of the

and a runtlet of the kone of a beautiful to the United March, 120, in the in March, 120, in the last of the national Department of the national Department of the idea of the

Inches to National Highest to National Market Chasses and a second of war arrived with the last of the

April 1 To A Carrie Alle 18sistant der der eine work is bloss to a line mann in the crieft co Seri Sarier De menter of the Milli-2 11 Tex A n att th w. d. i. I paged in below to the state Kerrali with him him 1 - 10 May (1) - 1 -Diller But Mart 18 1 15 1 All said thomas Alla f 11 - u, u, b + v , l = . IS THE PHONE OF THE JI Det a sales Caras a Trite liber Wird W. Lac plers. 3 2' W 31, 160 1

i choil in the summer of the many states of the control of Moments of the Armer of the control o

Note any means of the penty of the least to any means of the penty of the formal to stream, found to be a penty of the stream of the stream of the second to second to

korea a Challenge to the GI

To the America. That is the constant topes, keeps a challenge to a terme los topes her tope in a matter of a

thaladjusted at 5) mpathy-craving youth. The K creats have no pleasme resorts to offer asleave centers. They have no movies, no corner drugstones where the soldier can buy a smitted milk, and no "entertal on ena" as he knows it.

Our occupation duties require considerable dispersion, and there are many small isolated posts. Imprevisation, initiative, and Yankee ingenuity are the order of the day.

In spite of rugges, conditions, our soldiers are doing a top jub, and almost all of them are facing the facts as they exist.

American sublices are forbidden to eat in Kurgan restaurants, for the feasing. One is that Korgan foods are cooked in many highly seasoned Oriental styles, same of which cause gastric troubles for those not accustomer to them. The other and primary ressen is that they get all the food they need for health and growth at their mess halls, and the Koreans need all the food their restairrants have to offer,

Our ration is substantially more than that of troops in the United States; but, even so, the 18-20-year-old misses Mother's icebox or the corner restaurant for extra rations.

From December 1 to Match 1 the climate is very cold, except around the south coast. It is a day, healthy cold with considerable out and little snow. In the cities some of our troops are billeted in former office buildings, but even these are not too warm, and it is difficult to get youthful Americans to wear enough warm clothing. They don't like to be hothered. In most areas, however, they are billeted in remodeled Jap barracks or in camps consisting of Quonset buts or prefabri-

11. 25 Sea O. Japan ***ANTLNG A STORY OF THE PARTY. CHINA Yellow Charles 14 Sea Seat To

An Arbiteary Boundary, the 38th Parellel, Splits Korea

The United States XXIV Army Corps, under LL Gen. John R. Hodge, moved into the agen south of that line in September, 1945; a Soviet active octobered the northern zone. Both armies still remain in their respective comes—her reasonable the day when both armies of occupation will depart and their Nation will become equated and independent. Elega is the seat of Russian administration.

cated buildings shipped from the United States.

Virtually all the worth-while building in Korea during the 40 years of Jap rule was for the Japs themselves. The Japs (and the Koreans) were satisfied with a beating system in any building which would warm it to about 50° F. It is impossible to step this heat up to a comfortable 70° without blowing out the boilers or burning down the building.

The only water system warthy of the name in Korea is the one the Japs built in Seoul for themselves. It is reasonably satisfactory for such areas as it serves, but its scope is limited.

The pative Koreans in cities were served



South Partices b. Weles me Hy Affield Liberators on Och ber 20, 1945.



In Seokl's Japship t Dorned Capitol vin All-Kanean Legislatura Now Sits



waters were puriqued into a congruence with type at interval. It is a part of the stop up the pressure in the congruence in the congruence

Hot water is scorce. In most how to the lot-water faucet in any more of an time and instantive ground water. No Korea, We have to install our nown water to page.

form, two, we arrive with elements other to be a gets. There isn't sufficient pose to supply entent for all of them.

These are unpleasant discoveries for the atterns American solvers. At home he is the totall the beat, water, and power to a single power.

Girls Punished for Dating Americans

here for reputating is the youngster's to liable that he cannot have dates with any of the cute, denuire little Korean maid of the cute, denuire little Korean maid of the cute, denuire little Korean extremely modern convents of the circumstance of the cute of the circumstance of th

Many borean gill train set there bushands until their was record, I fore marriage those of his ottor classes the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to the sequestered and held to be a low to be

When he is the of they attend and present and the ever-present American candy because it is the ever-present American candy because

For a street with one, she probably will a set, with one, she probably will a set, so members of the street with one, she probably will a set, so the permitted to the street with her own country as



C. S. Arme 6 a set Coron. Job in

Catch-as-eatch-can is the Rule on Overcrowded Korean Trains

The Period of the Resilvants of the Holling Community of the Holling of the Holling Community of

Les Koreas borot of the against Arrest and the states for having dates. Hey told the Korean garl responsible, because she is supposed to know better.

Soldier Turnover High

Turn ver ill the armed forces in Korea has been extremely high. Ninety-two percent of my married has been add in kind same high remoter 1, 1946; 65 percent since Nevember 1, 1946.

This turnover has also added to the date ficulties of soldiering through the tapid changes in key personnel where skill and continuity are excent al.

Hat for the American boy who is adaptable and has a sense of humor. Korea is not without its compensations. Despite their soldies's property to be a large to the large to the data data.

The sickness rate among our troops in Korea has been consistently lower than among the troops in the United States, even during the wanter of 1945 a will be at 1945 for will be at 1945 for will be at 1945 for the recent beny arrives or conseasoned, unhardened men brought a significant in javenile contagions that put our sick tate temporarily above our normal, but still not higher than the account normal, but still not higher than the account of the Army as a whole.



"Atgeters Ward with Division Baseball Come and teles." "Strike the!" horean

Each soldier has plenty of food and ample cold-weather and summer clothing. There are more than enough Army blankets in Korea for every soldier in the country. Every unit has athletic equipment in variety—valley hads, baseball outfits, basketball equipment, etc. Soldiers who like to hant are in a bunter's paradise.

Ice cream, pennuts, candy—they're plen-

tiful for al.

Until recently, the caliber of motion pictures available for the soldiers was not outstanding. This was because most of the many projection outfits were 16-millimeter, and it is difficult to obtain 12st two feature films in that size. But now we have four new 35-millimeter projectors and som will have eight more in the larger troop areas. We shall still have to use the more than 170 smaller projectors in outlying detachments.

Just before I came to Washington, we were showing in January a class A film which had been released in New York in Nevember. That meant that our soldiers saw it before many towns in the United States. In addition, we always have from five to eight USO

shows on the road in Korea,

We are also operating bruning schools is a the new men as rapidly as instructors can be obtained. Schools for methanics, electricians, cooks, bakers, and refrigerator maintenance men, and signal schools are now being conducted, in addition to the regular educational schools operated as a part of the information and education program

Of course a tour of duty in Korea presents an unparalleled apparturity for the G1 to study an ancient and little-known Oriental

cuthtry and its people at first hand.

Norean civi ization goes back at least 3,000

years, perhaps intilier.

Korean astronomers studied the stars from an observatory 100 years before Christ.

Much of Japan's stolen Chinese culture

passed to that nation through Keres.

Korea is the only nation in the world except the Vasted States that ever defeated Japan. It did so in 1898.

Korea built the first "front nds," using them to heat the Japs 250 years before the advent of the Maniter and the Merrimac.

A Hunter Becomes a Pied Piper

The mountainous country abounds in scenic grandeur. It is relatively rich in minerals—gold, iron, silver, copper, and lead, particularly north of 38°. A peninsula of the Asiatic Continent, its southeastern top sticks out to within 110 miles of the main Japanese islands.

My principal diversion in Korea, when three

allows, is harting—not for the k-mean tigers and leopards that are reported to dwel in the mountain fastnesses, but for pheasant and, on occasion, waterfewl.

I aften travel 50 to 70 nales from Seoul on shooting expeditions, accompanied by a member of my staff. I use this apportunity to study the life of the Korean farmer and his

berd .

I can't man the country-side long without picking up a following of children. These koncan boys and girls, irresistable to the solutiers, are as attractive and appealing as any children I have ever seen. I thoroughly cajoy their company. They are nearer to American children in their games and spirat of funthan are children of any other Oriental area with which I am acquainted.

I pever wear any outward trappines of rank on these jaunts—usually a peaked GI winter cap, GI fatigues, and a hunting coat. My youthful companions do not suspect my iden-

tatw.

But one afternoon I absent-minusily took off my cap during a brief rest from hunting

One keen-eyed little fellow recognized me from a picture he had seen in his schoolroom.

'Hodgey!' he cred, and can away as fast as his legs would carry him. But he was not frightened, it developed. In a few moments he was back, with all the youngsters from his village at his heels.

"Hodgey!" they yelled excitedly. I had that admiring retinue with me the rest of the afternoon until the round grew so large I returned to my jeep and moved to a new creat.

Where Yank and Russian Meet

Relations between the commanders of the American and Russian zones in Korea have been rawsworthy more than once, and minor frict on between the two zones has been described often in news dispatches. But one amusing trank played by the arbitrary 38th parallel has not received much notice.

On the western side of Korea a bay extends northward beyond the dividing line. Accordingly, the line passes across the bay and cuts of the line is a square miles of Ongjin (Oshin) Peninsula, placing the area in the American

zone although it is cut off by water.

The only convenient way to move supplies to our troop detachment on this pennesula is by sending a truck convoy by road through part of the Russian zone, circling the north tip of the bay.

Here our sudders come into direct contact, with the Russim schlors. Man to man, they get along extremely well and are very friendly. However, I was amused to receive a request



C & Arms 4 . 1

"Get Your Christman Cords Here for the Folks Back Home"

to be the state of the selection set in a first or the set of the

hest fall it on the Russian communicer, asking me to order the Americans to stop income and me with his men. Americans were seed to be the Soviet soldlers' discipline. It amends the rale, he complained.

Notice that truck convoy through the Rate in zone is a ceremony. We inform the Rate in still, say, about 10 trucks and about the reading the block of the keyler at he reading Wednesday members

To the Russian that means exactly 10 trucks and exactly 25 men—no more and no less Russian soldiers meet the convoy at the boundary and except it through their sone

Russians Obey Orders Literally

The Ra day solver is allowed no latitude in the interpretation of orders. Orders must be cheyen a colly, without the slightest deviction,

Where we encurage the new manner of the section of the Russians allow no latitude. Even their officers are surprisingly limited in the reservoir of a feet

Before turning from the On Observance

one day, one of the American truck drivers saw a few bounds long alongs of the road. He appropriated them for the purpose of constructing some small gadget for himself and threw them on his truck. But a watchful Russian sported them and would not all with boards to be moved through the Russian zone. Our men were accessed on the spot of stripping Onejin Pennsula of assume, or a ride!

of course, the 38th parallel is a made residence of a conference of a conferen

Is a send all is friends ownit the district condition and the emergence of senarce, united independent aution

When that day comes, we feel we shall have shown the Kereans how they can progress under democratic institutions to their rightful place in the world

For at literal introduction Kore In the National Action Market of the analysis of Market Market and International Action 1 and the appropriate of the Alberta Object of the International Action 1 and I for the Alberta Object of the International Action 2 and I for the Alberta Object of the International Action 2 and I for the Alberta Action

The Society's New Map of Canada, Alaska, and Greenland

By WELLMAN CHAMBERLIN

National Geographic Secrety May Consequation

NEW map area on a new projection is presented to the 1,600,000 members of the National Geographic Society in the 10-color supplement map, "Canada, Aluska, and Greenland," which accompanies this issue of the National Geographic Magazine.

With the advent of giant modern aircraft, it has become important to show the while wast top of the Western World, where America has a to take mud Europe, for a new picture now occupies the minds of statesmen, military strategists, and planners of the commerce of the future—the concept of direct air travel by the relatively short mades which cross the roof of the world.*

The new National Geographic map reflects this modern approach to geography. It portrays Canada in its entirety as the central core of the great Western Hemisphere worthland, including its Islanda stretching toward the North Pole, and shows all of Alaska, Greetland, and Reland, where the New World joins the Oil.

Finitely New Projection Solver Problem

The area covered by this new map presented a unique mapping problem. None of the conventional projections was well suited to show this broad porthern expanse as an integrated whole. Alt involved under distortion or variation in scale.

After extensive tests on all the carrently used methods, we devised this retirely new projection, which The Society has named the Chamberlin Trimetric. It is based on a triangle of three great circles from which all other points are determined.

When tested, the new projection was found to produce excellent results. Maximum scale variation is about he f that resulting from other methods. There is very little acquiar distortion, and over-all distances can be measured with great accuracy. The projection is particularly suited to this important area. In addition, it is easy to compute and draw

On the new map, which measures 34% a 26% inches, major airports as well as high-ways, railroads, and 5 613 place names are shown. In Alaska appear many new roads, besides the famed Alaska Highway, wartime construction project. In Canada we have included some important winter tractor trails which supply the Far North mining districts.

A new transcontinental highway makes its programme, for the Canadions have finished the last link between Hearst and Garaldton, in Ontario. One can now drive oil the way from Sydney, Nova Scotta, to Vancouver of Prince Rupert, British Columbia, or to Fair banks, Alaska.

During war years, great strides were made in surveying the Far North. Little-known lands took on vital importance. Your map incorporates that work, and members will note a wealth of new detail, form Greenland to the westernmost Alcutions. Must of this new information results from aerial surveys

An asset map shows the Abutian Liands in the same scale as the main map—1 to 2,000,000, or 1263 miles to the inch. Another deplets the top of the world on a polar projection,†

North Pole Flights New Are Routine

Until the war-boomed development of long-range, high-altitude planes, a trop beyond the Arctic Circle required mouths or years for completion. Except for a few whalers, scalers, and the Canadian Mounties, men rarely invaded that forbidding region. An expedition into the Far North was front-page at we that commanded world-wide attention.

Today the great planes of the United States. Army Air Forces make routine weather reconnuissance hights over the North Pole.

How the airplane has denn I shed distance in the North was dramatically illustrated in February of this year when 11 United States Araly airmen in the B-29 Mec-Brid, from Ladd Field, Furbanks, Alaska, were forced down in Daugaard Jensens Land, in northwest Greenland, and were rescurd by a C-54 from Westover Highl, Massachusetts.

As Lt. Bobbie Jie Cavenur gumned his big plane and the acrial glunt shattered the Arctic

One of the pleaseers in presenting the new 'potest concept' of prography was the National Geography Society's map of the Northern and Southern Henriphers. Sened as a supplement to the National Geography.

t Manbers may obtain a litternal copies of the new map of Camada, Alaska, and Greenland (and of a standard maps published by The Society) Ly writing to the Sational Geographic Society. Washington 6, It. C. Phore, in United Scales and Possessions, Societa, an paper, \$1 on them, Index, 25c. Outside Linted Stales and Possessions, 75c on paper; \$1.75 on from: In sex 50c. All remattances payable in U.S. ands. Postage prepo d

stillings in its rocket-tooysted take-off, another B-29 from Ladd Field appeared just to see hal everything went according to plan.

After a stop at Thule, where Robert E. Petry long ago recruited Eskimo assistants. Lieutenant Cavenar flew the rescued flyers directly to Westover Field, where they Linded less than 24 hans after the take-on from the thry from glacial lake in Dauganet-J mens Later.

The key points of this thrilling and speedy rescue form a bage triangle which encoupasses most of the area on the new map. [add [righ] lice about 1,800 rodes (86 degrees of longitade) from Daugaard Jersens Land. Westover Field, near Springfield, Massachusetta, is about 3,500 miles from the scene of the rescue. A thousand miles across the Arctic are now translated into a few hours of flylar Lane-far different from the weeks of straining labor needed in Peary's day.

Occasionally some great undertaking like the Hight of the 18-29 Pacaran Decambage from Hawasi to Cairo dramatizes the presi-Dublies of air travel across the Poles. The this Aught of 9,500 miles—which, incidentally, was and a nonstop record—the ship was navigated some 658 miles off course to theck on the locatime of the North Magnetic Pole, which you will had on your map in its newly determined Incation on Summerset Island, some 250 miles from its old position on Boothia Peninsula.

A flight of this distance, from Washington, D. C., over the North Pole, would cross eastern Silveria und all of Chica and reach to within 160 miles of Singapore. This distance could reach all points in South America, Europe, and Africa. In Asia only the tip of the Malay Peninsula lies beyond this range. All of New Guinea could be reached, and one could just land at Cookstewn, in Australia.

Asia and America Next-door Neighbors

The map emphasizes that here at the topof the world the Western Hemisphere's northland is close to the Old World. During the recent war, enemy invaders entered the lands. on both sides of this map. At one corner, Japanese forces came up out of the Fac East to except Alta and Kiska, from which they were this lodged only by the lengthy Aleutlan campaign. On the other side, Greenland was nyaded by smal, parties of Germans who also had to be dislodged by force,

On Little Diemede Island, in Bering Strait, Eskims children swear allegiance to the Stars and Stripes as citizens of the United States. Only three nules away, their cousins on Rig Diomede salute the Hammer and Sirkle as cutizens of Soviet Russia. These Eskemes-

who speak the same language, intermatry, and go across to one am thet's parties, particularly in winter when the bridges the gap—two in different termispheres, separated in time by a whole day. When it is noon Wednesday on Little Hismede, it is II a. m. Thursday over on the neighboring bland,

During the war an important artery of the nit thosed across from one confinent to the other put far from the Dismode Islands Thousands of warphanes left Great Falls. Montana, to fly to Edmonton, Atherta: Snag. in the Yakon; and thence to Ladd Field, at Fairbanks. There they were turned over to Russian flyers who commend westward.

In addition to combut planes, hundreds of stocky Dakidas went through this secret Arc. the airway to deliver their high-priority car-

goes in the Soviet Union.

Central Alaska, with its clear, cry cold, has become an aeral highway. Elmendorf Field. at Ancherage, a large Army Air Forces base is fully equipped to serve the largest planes Ladd Field, at Faithanks, was cheen as the locale for Operation Frigid, in which the Army made extensive cold-weather tests,

Machines Freeze, but Not Man's Indennity

Our forces are finding that the GL is about the only standard component of the military was bine which can make it." Relow = 40 degrees, guns fall or become greatic, grena les freeze, muchinery win't work, tires get brittle. even thermometers have to be specially made Remarked one Arctic veterant "If you spilled a quart of heavy oil, you could pick it up in an bout and beat a man to death with it "

In weather like this, Army Fepincers developed a new type of bridge. They laid logs across the ice of the Tanana River and then, from a bule in the ice, pumped water on the lags, where it froze instantly. Another layer of kigs was laid, transversely, and ited into place. This bridge, whileh reinforced the fiver ice, was strong enough to take lanks

In the Alcutians, Task Force Willwaw. named for the figure gales which hit those Islands, has been making similar tests of

equipa ent in wet, cold conditions.

On the other side of the map area we have the mighty chain of alrhases, built during the war, which led combat and cargo planes to the British Isles and the Western European front: Presque Isle, Maine; Goose Bay, Lanradice Stephiovelle and Gander, in Newformuland; Greenland's Narsarssuak (Bluie West 1), and Bluie West B at Sandre Stromfjord; and the many new fields in Iceland.

The establishment of the Greenland bases was a stupentdous undertaking. In weather



Thanks to a National Geographic Map, Admiral Nimitz Arrived Safely at Guad. learning and kitter to Dr. Gebert Gravenor (page 12. the Admiral of how The Society 1. the arrived of the fact that the other page 1. The same of the fact that the other page 1. The same of the fact that th

that we're at helicated blew piles of lumber at the form of the Army Engineers built have an end of the probably more building to the Greenfund had seen during its entire history under Eskano and Dane."

In Operation Frosthite the United States Navy last year sent the carrier Midway to Itaxis Strait and the Labrador coast for Arctic tests of carrier period operations.

Europe's North Is For More Populous

The Western Hemisphere northkurds are deplorably empty. Across the Pole in the east longitudes, the Scandanavians, Finns, and Russians have laured to live in these Arctic kans. Kussta is reported to have the control for the North Murmansk and Archangel are laure cases. The new ranhead at Khabaraso is a vigoraus town, while Novy Port, Inarka, Nordvik, and Tiksi (see placement inset map) are all important to the Kussian Arctic ship routi

On our side of the Pole, not one settlement of comparable importance has on the Arctic latteral. The I stal population from Alaska In Greenland is only about 1, 20th of the Re. . in

2.000,000. Several factors however, now are drawing populate a into the American North. Mining and the exploitation of other natural resources are most important.

At Point Barrow, northernmost tip of Aleska, the Navy has a buge 35,000-squarem to petraleum reserve, where important exploratively drilling is being done. The not ral field of operations is at Umiat, on the Conville River, 170 all miles inhard. It is upplied by air and by tractor train from Point Barrow. In winter the sled trail goes out over the Arctic Ocean, then up the Colville River.

The major sources of utani on in North Are of are the Cantidian mines at Great bear and Hutah Lukes, just under the Arctic Circle. At Chark River, 100 miles west of Ottawa, Canada has built a plant for platonium manufa ture and storage, similar to the United States atomic plants at Oak Ridge, Tennessee, and Richland, Washington

In this automic age, the North holds leave to the future

* See "Americans Stand Gened in Goverland" I Andrew H. Hansen, National Generatine Maria: ... October, 1186

How One of The Society's Maps Saven a Precious Cargo

Many million National Geographic maps went to war retween the attack on Feari Harbov and V-J Day. Extensively used for strategic planning by Army, Nuvy, and Air Forces, they also played a providential tole by affording timely assistance to pilots and navigators, especially in the earlier phases of the war when our military forces had not available the superb netail maps later provided by the U.S. Army Map Service, the Hydrographic Onne of the Navy Department, and the U.S. Coast and Geography Service.

Eductiont of such an Instance is the following letter from Fleet Admiral Chester W. Nimitz, warthree Commander in Unief of the Lacific Fleet and now Cidel of Naval Operations:

Navy Department three of the Chief of Naval Operations

Washington 28, D. C.

April 7, PH7

Len. Collact Grossenior, Pres Jone The Notional Geographic Society Washington, D. C

Long Dr. Grossen co

In the early full of 1442 it was recessify that the Commander in Chief, Farme Fleet, attends soofteet as a New Caledina with the Commander South Parine Force and representatives of General MacArthur. On the conclusion of these meetings, in to a September, ConcPur and party proceeded to Gui ideand to review the stuation there with General Vandezrift.

You may rectal that our position on Guadaltand was extremely tritical at this time, with a the ourse than the perimeter of an airfield being head by our Marmes, and several menths at savage facting to follow before the enemy was dislonged from the createst Sciomons.

The trip to G tadak and was conjected events ful, and since your Society had an important part in its successful outcome. I telt you would have a personal interest in the details which I record below.

Espirita Santo, about halfway between Normes and Carolah mai was then out most advanced hase in the South Pacific, with a limited development for arctaft and saffe a vessels. It was be target of sporadic but small scale penal at tark by the Japanese. The next and only friendly stop on the Sob mons route was Guadaleand some 550 miles to the northwest. Guadaleanal Island 1808 with the exception of the peak. Marine mothood, was in control of the Japanese.

In these rirequestances one had no choice but to make sure of arrival at the correct destination

My party proceeded to Espirita via noral soaplane and there transferred to an Army b-17 for the flight to General Vandegritt's headquarters. This procedure was followed because of the superior speed and the lensive characteristics of the R-17. It transpared bowever that the flight crew assumed for the last surge of the trap had not prevaluely covered the mate and perhaps was not but well prepared for the over-water navigation my lived.

In any case, some time after a landfall should be a local constant the plot that his fight true acknowledged by the plot that his fight true wand, and that he was shaping his course to the north to take by the island chain.

Additionally, he julet was engapped with high it goods the larger islands, and positive identification of an ation would prove a decidedly difficult matter. Further to complicate affairs, we now entered at uses of continuous heavy rain with greatly teduced visibility.

At this point it was our good fortune that the Manney so always carrying a National Congruphic map in attached, The Map of the Paralle (Anapsahuch was put into use forthwith, included an aget of the Solothum stacking the smaller as well as the larger is ands.

ond a bacent small estands it was possible to estal ish our position at the northwest end of San Cristobal. The remainder of the trip to Henderson held was continued at minimum ablock busing the shore I no of finadaleanal Island to avoid losing land contact in the driving tain

The enclosed group photographs was taken the following attenuous just prior to deporture from Goodali and

It is a pleasure to confirm to you even at this late date, the actains of an opisode which had a latinctly personal flavor for all persons in the dane and in which he National Geographic bounds yield an inequested but most welcome brighing hand. Needless to say, this was but one of a great number of occasions when your thapepersed invaluable to the forces in the Philippersed invaluable to acte which were not also pastely sovered by the calman maps available.

With my warmest personal regards to you and be a ber others of the National Geographic Society I am

Very sincere y vours,

C. W. NIMBER Flort deinvira, U. S. N.

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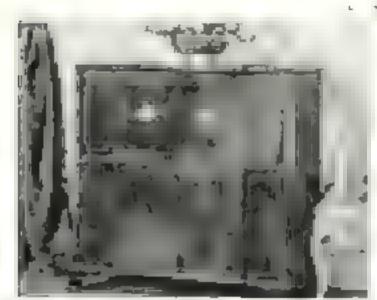
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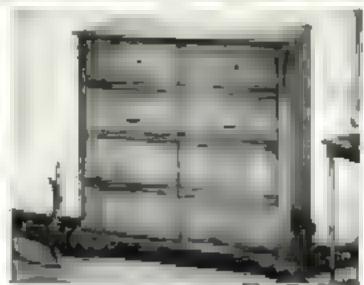


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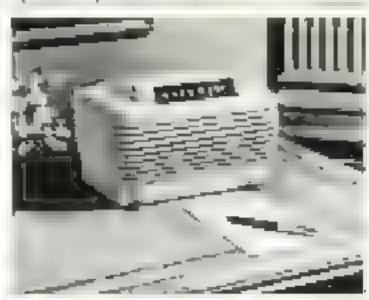
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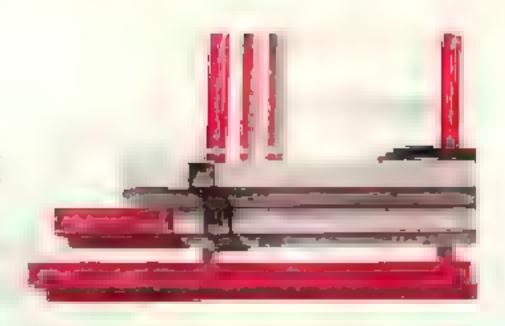
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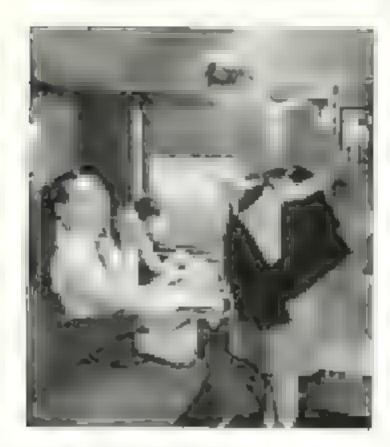


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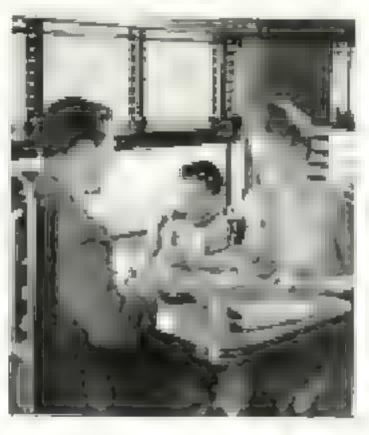
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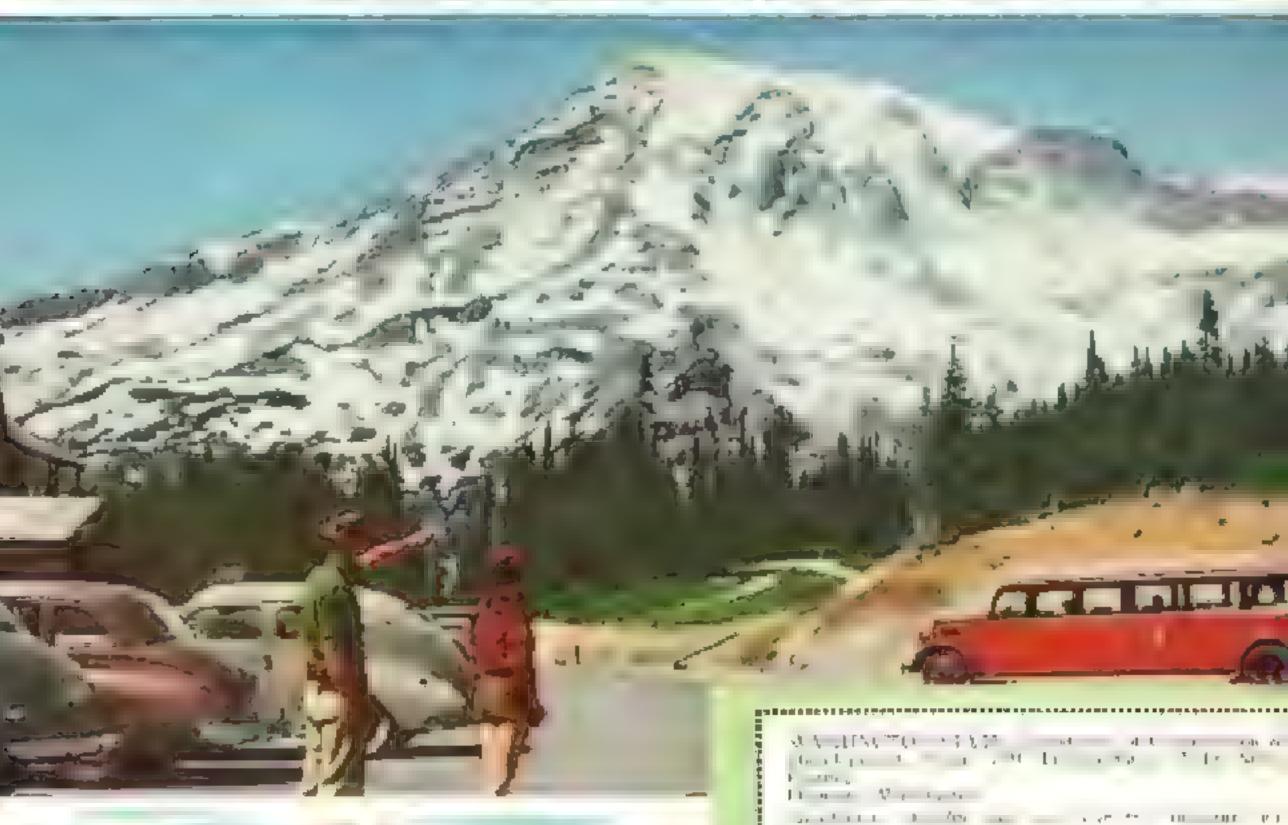


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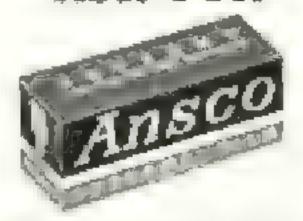
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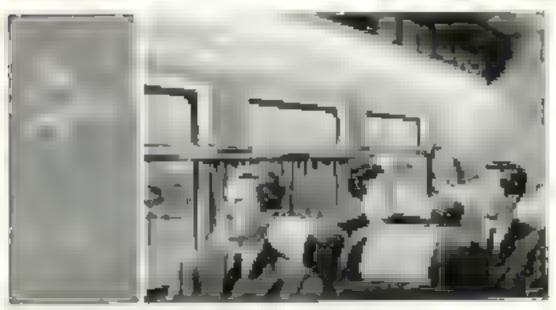
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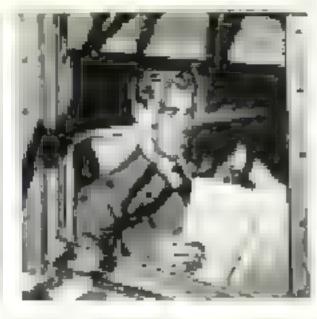


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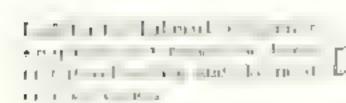
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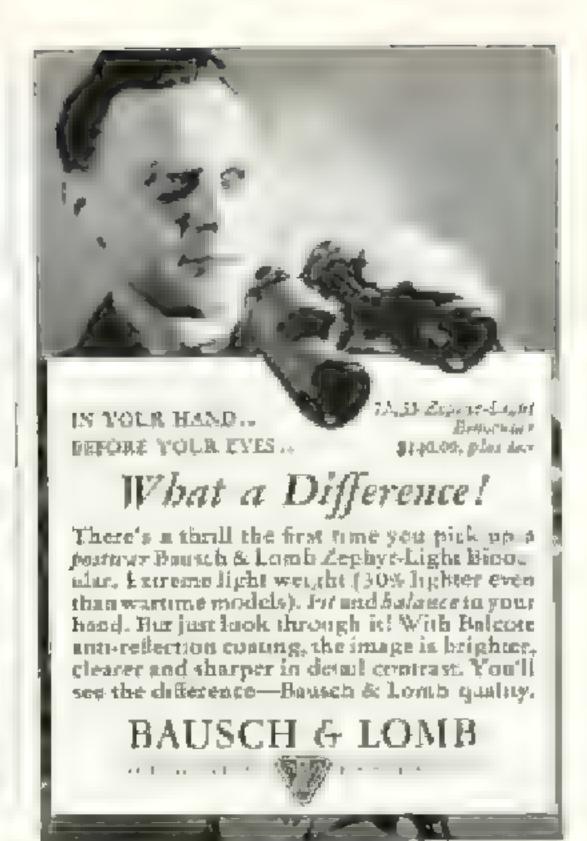
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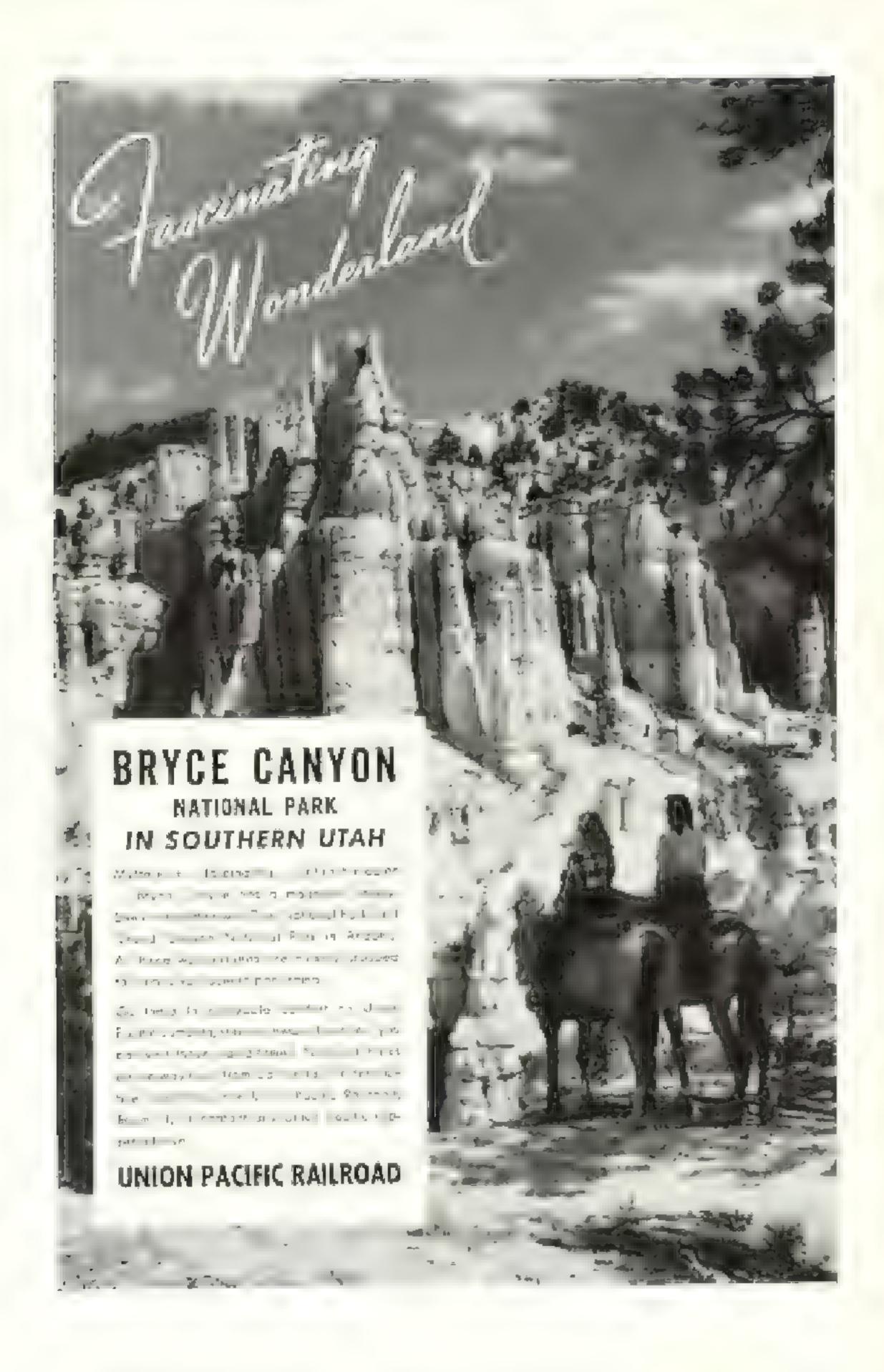
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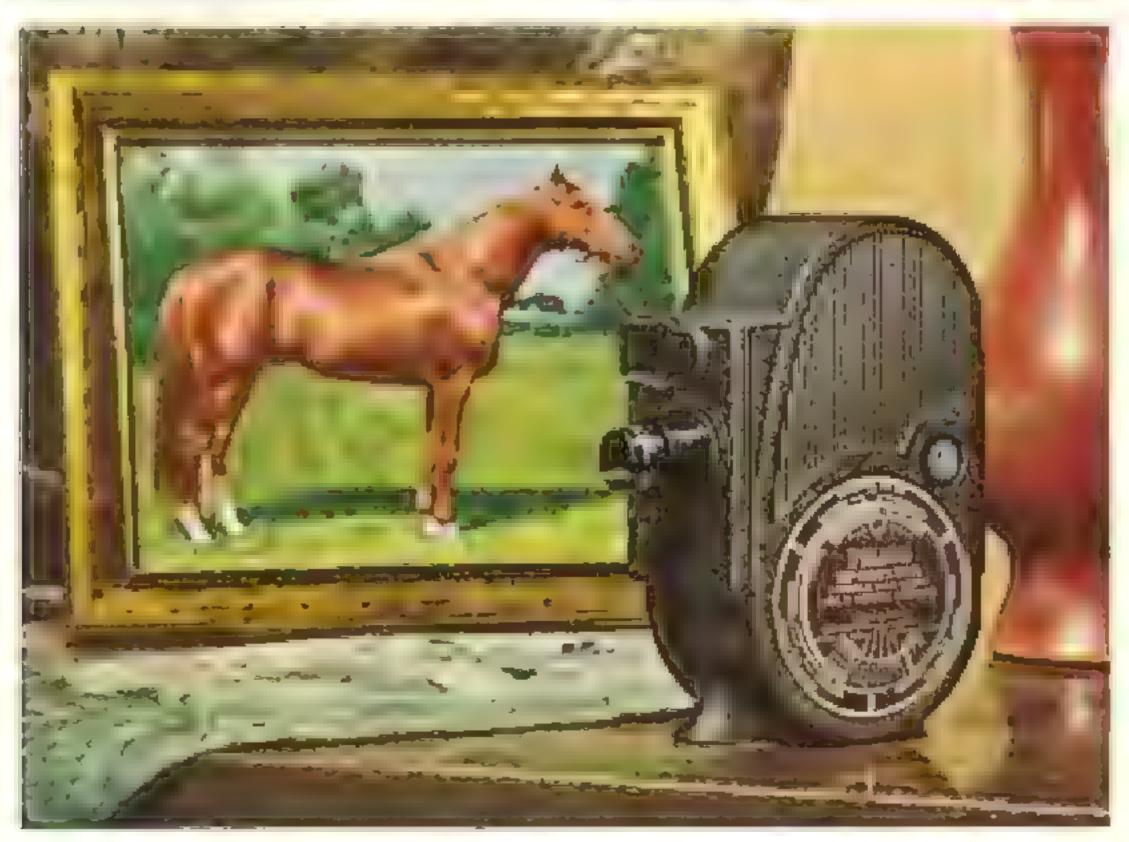






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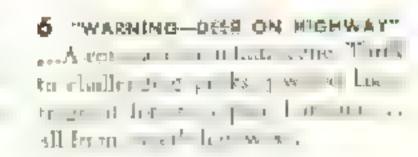






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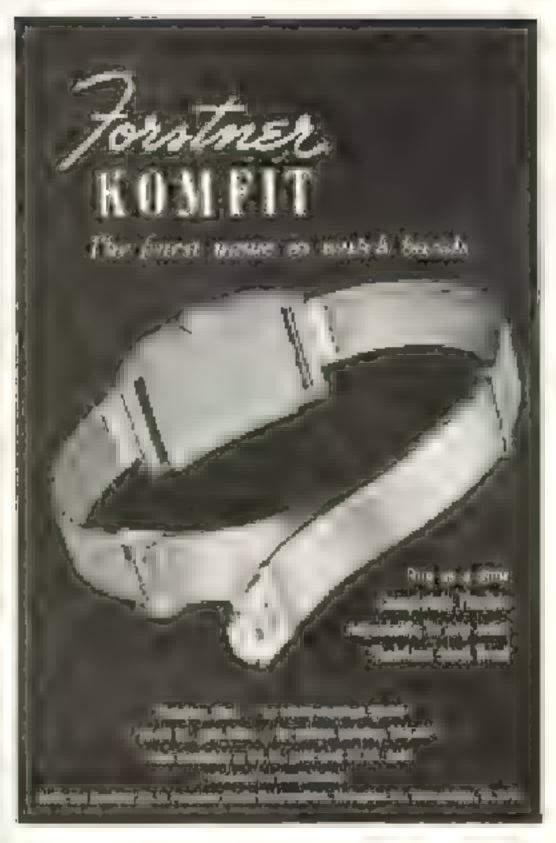
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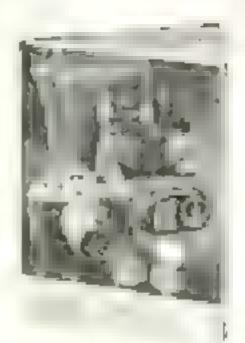
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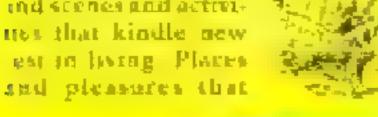
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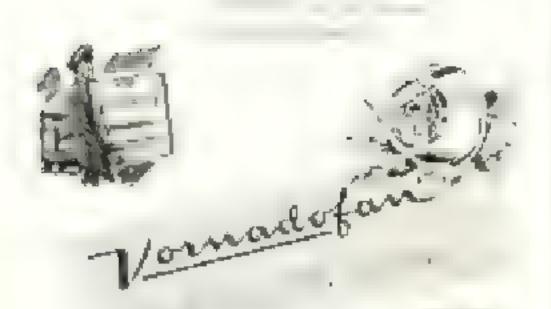
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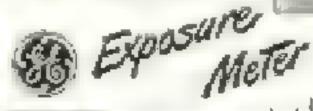
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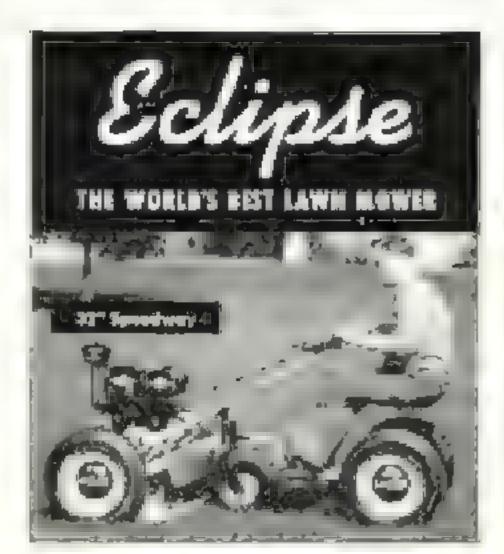
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The conquest of CANCER is progressing

Last year medical science saved the lives of thou sands of cancer patients, and many more might have been saved if cancer had been discovered early.

Chances of cure are best when cancer is treated in the early stages. To detect early cases, there are 3 things everyone should know!



What are the "Danger Signals" that may mean Conter?

1. Any tament lump or the kening, especially to the treated. 2. Any unexplained bleeding. 3. A sore that does not lead, porturbally about the recent, tongue, or lim. 4. Any changes in the color of the of a mole or wart 5 hoss of appearance or continued unexplained independent of Any possistivet changes in changes in changes.



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Constructed states without any working signals that the patient can detect. Only exercises by a skilled physicism that discover these "silent" concern in their early stages. That is why simul medical examinations are no simportant, especially for older people.

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physics also give real hope for the future.

In busts more about this disease, send for Metropolyan's free booklet, 67-N, "There be Something YOU Can Do About Course.

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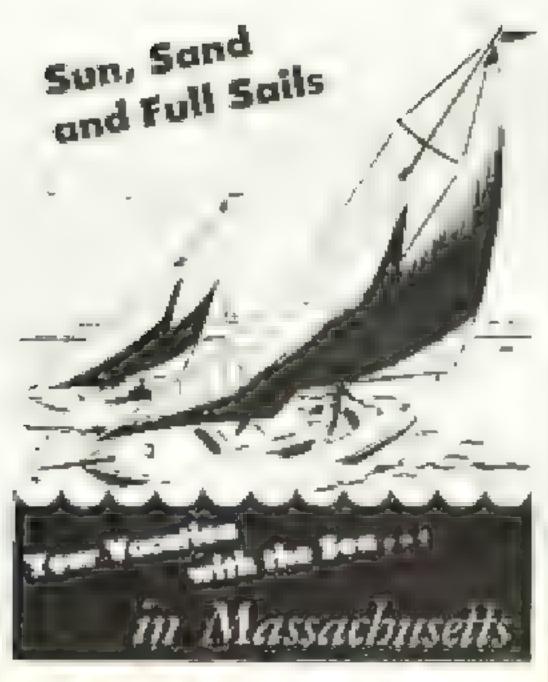
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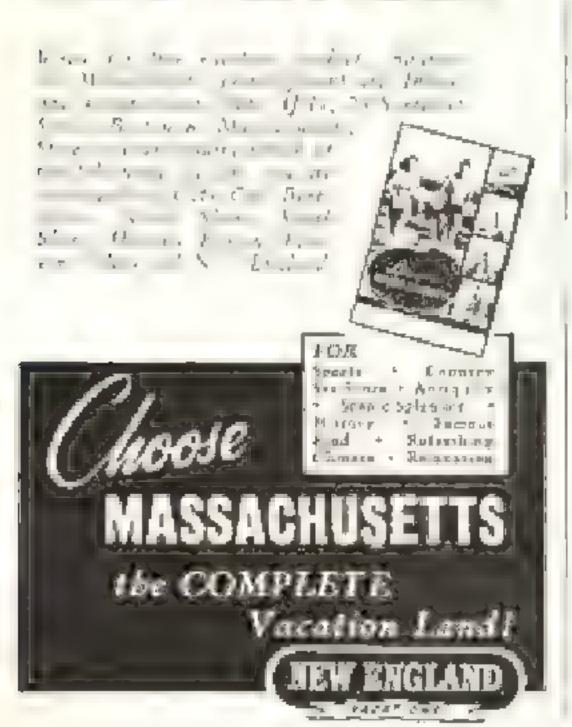




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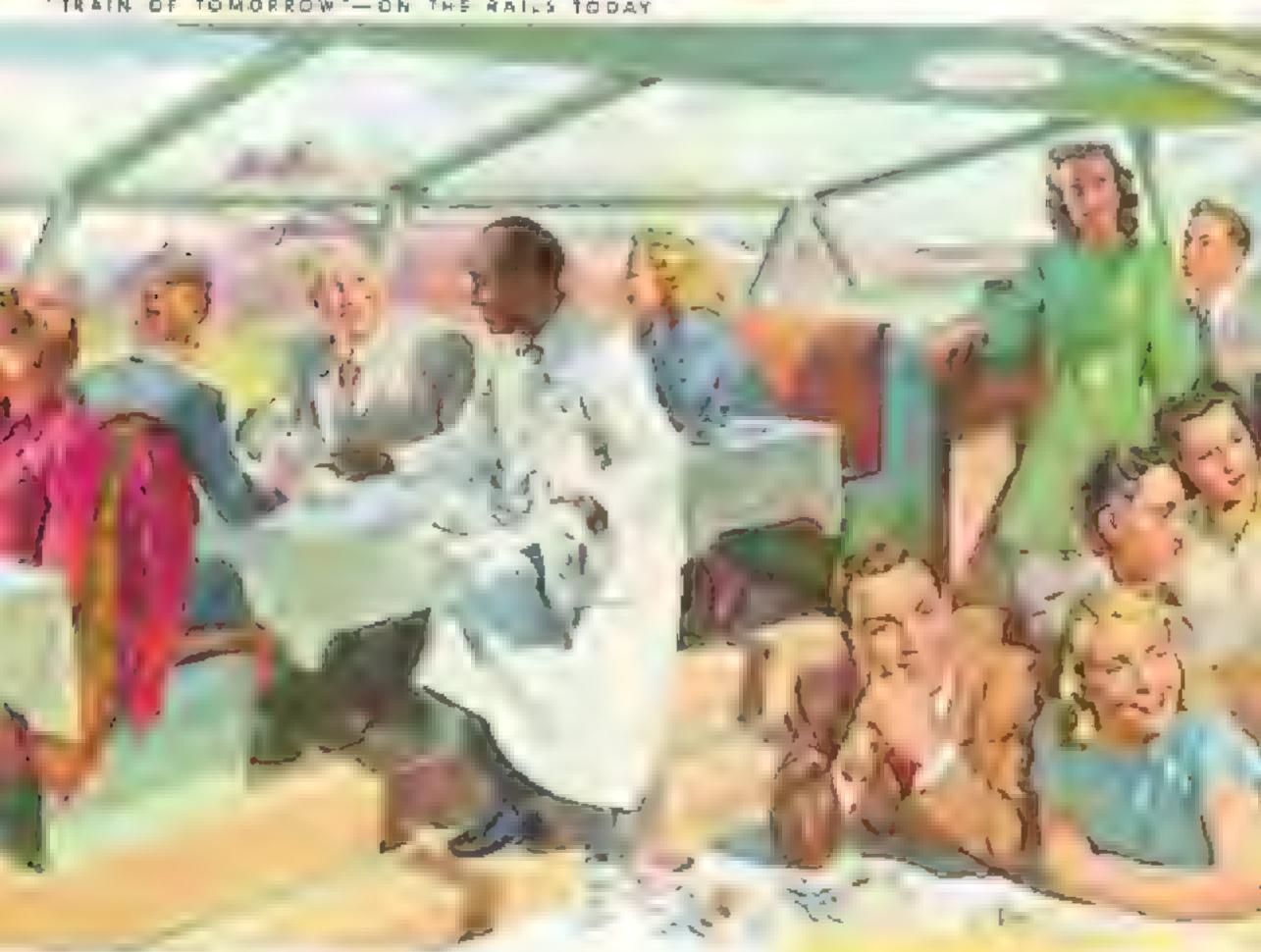
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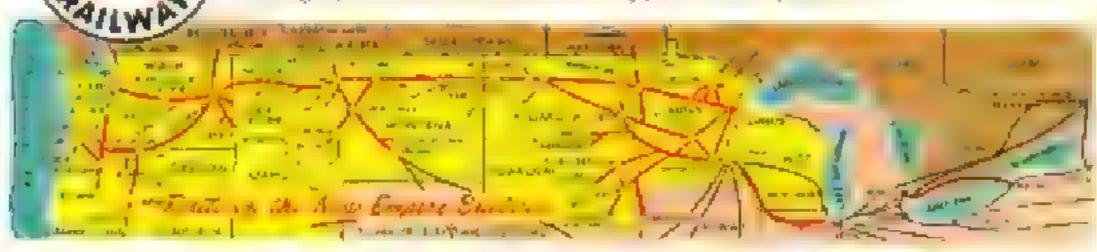
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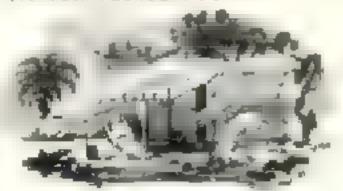
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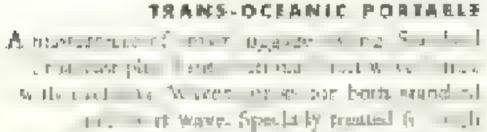


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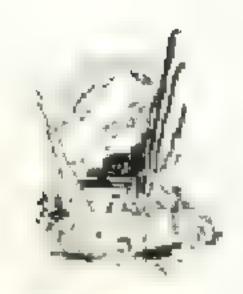
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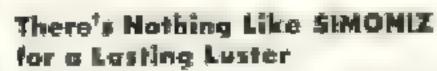
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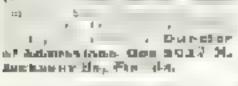
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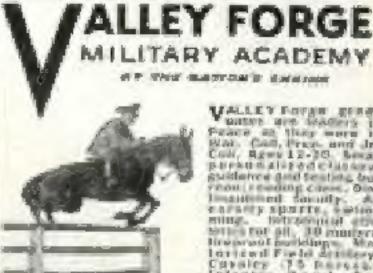


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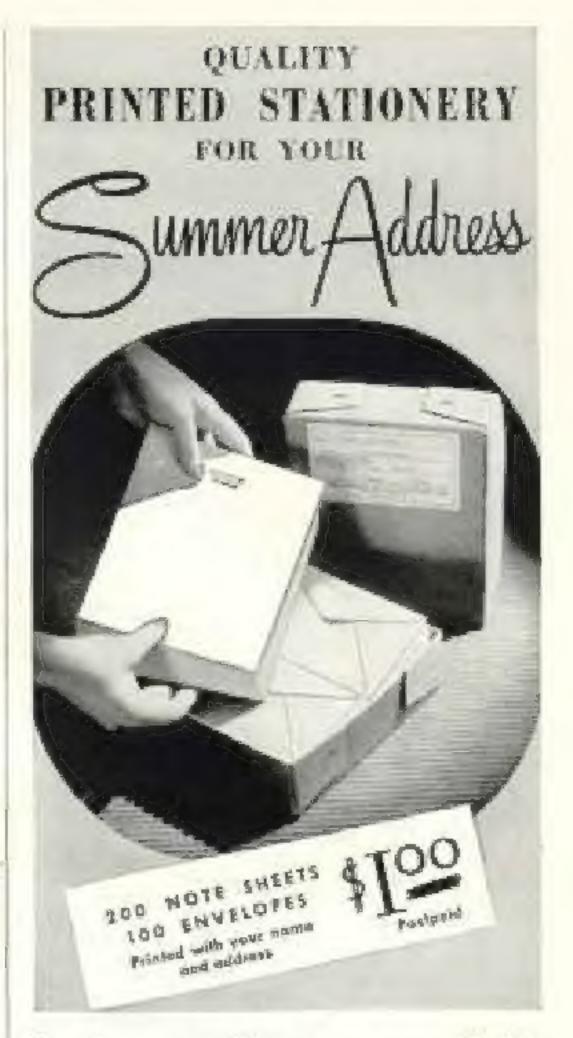
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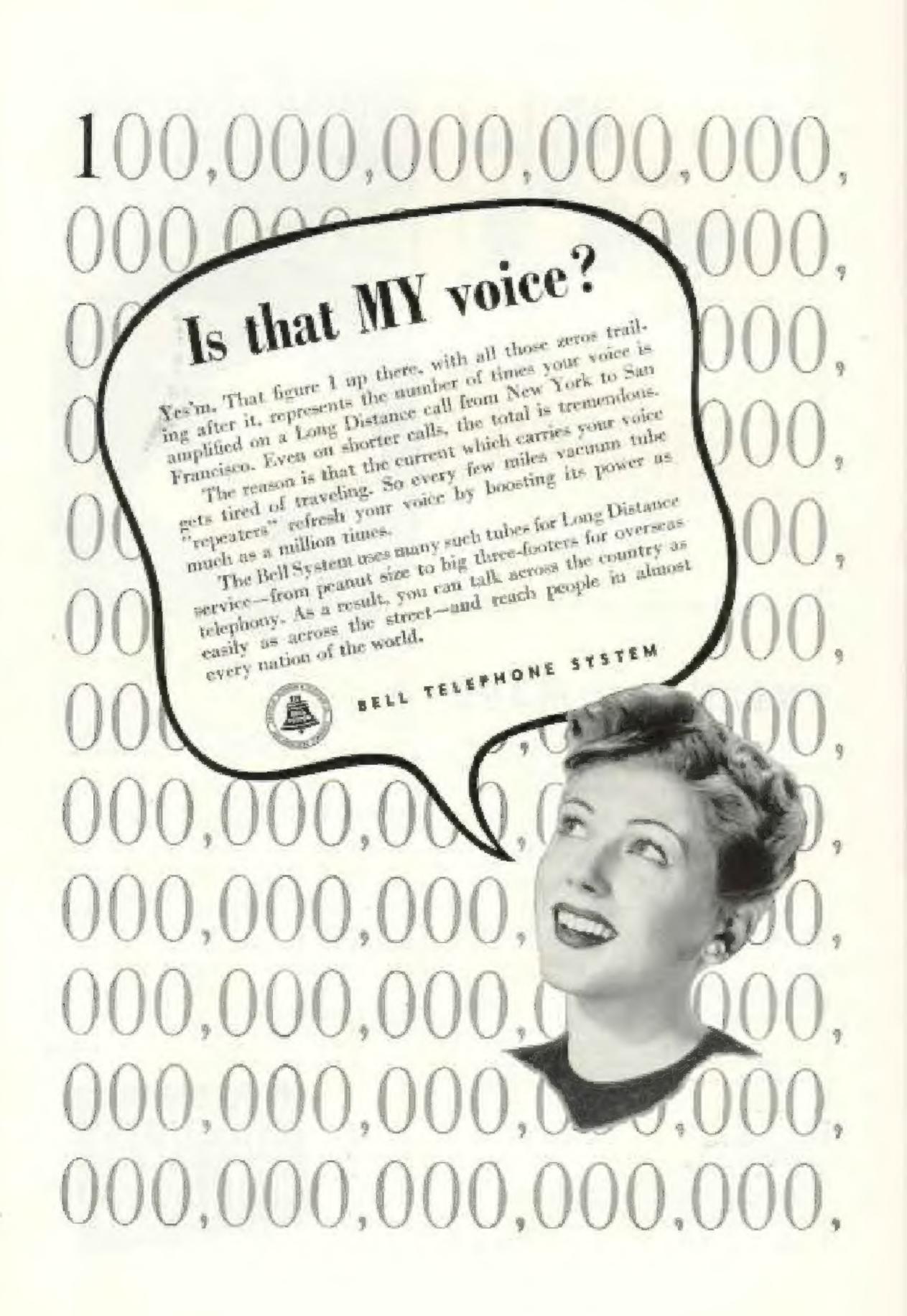
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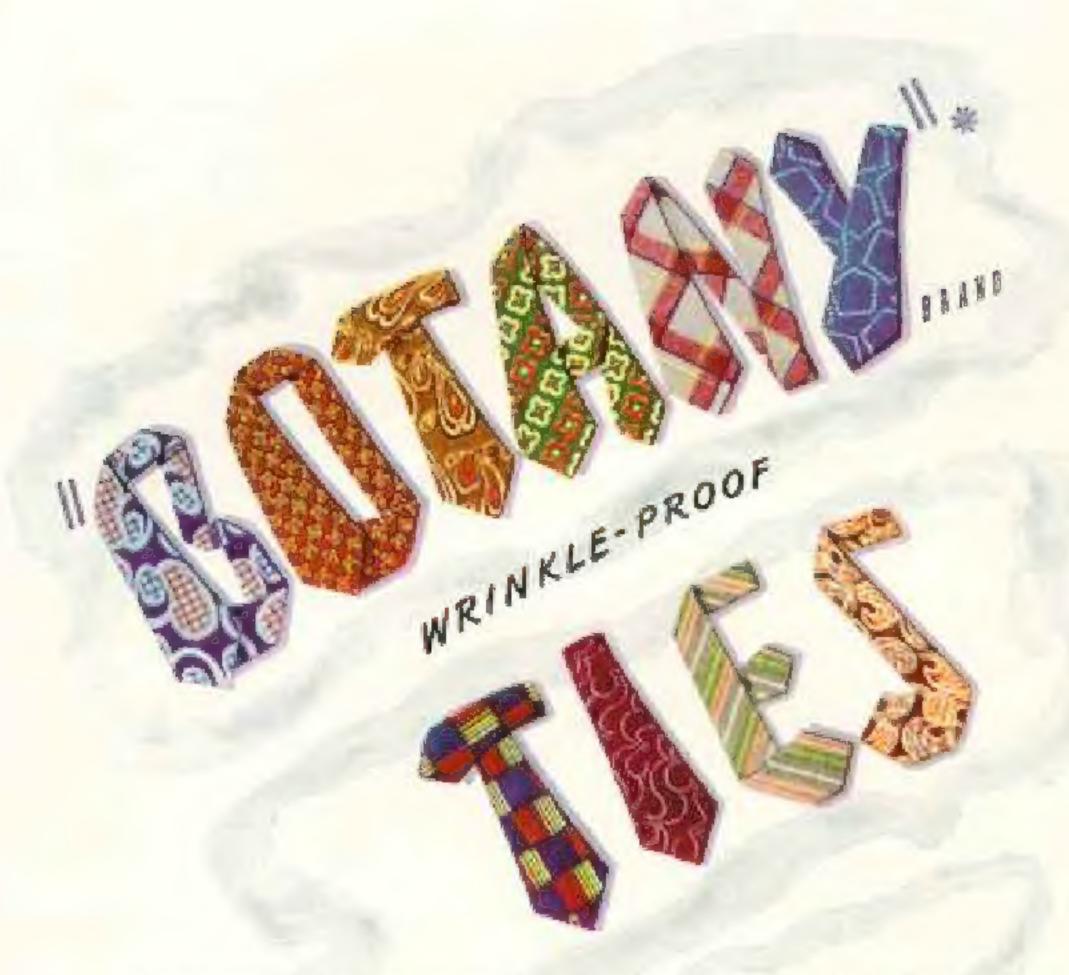
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